

**FRENCH LIMITED SITE
CROSBY, TEXAS**

**Groundwater Sampling Report
4th Quarter, 1997**

Prepared for:

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1.0 Introduction

This report presents the results of groundwater sampling performed at the French Limited Superfund site, Crosby, Texas, for the 4th quarter of 1997. Aquifer measurements and sampling were completed in October 1997.

The natural attenuation modeling update is presented in Section 3.0.

Analytical results of the October 1997 sampling are tabulated in Appendix A, including historic results since the shutdown of active remedial operations in December 1995.

Water levels measured for the October 1997 sampling are tabulated in Appendix B, including historic results since the shutdown of active remedial operations in December 1995.

2.0 Progress monitoring

Groundwater measurements and sampling for the 4th quarter of 1997 were performed by Remedial Operations Group, Inc. (ROG), on October 14 and 15, 1997. Measurements and sampling were performed in general accordance with Table 12.1, "Progress Monitoring Wells (1996-2005)", of the approved site closure plan¹.

Water levels for the 4th quarter sampling event were measured by ROG on October 1, 1997. An additional (monthly) set of water levels was recorded on September 11, 1997. Locations of wells used for sampling and water level monitoring are shown in Figures 2-1 through 2-3. Figures 2-2 and 2-3 also show the area where the S1 and INT units are not separated by the C1 clay aquitard. The area of this "C1 window", where the C1 clay unit is absent, is taken from *Evaluation of Stratigraphic Controls on DNAPL Migration*². The significance of the C1 unit is discussed in Section 2.5.1.

Data management and QA/QC were performed by ROG. Analytical results were tabulated by ROG (Appendix A) and evaluated as follows:

1. Note volatile organic compound (VOC) and metals concentrations at or below maximum contaminant level (\leq MCL) or not detected (ND).
2. Note concentrations above maximum contaminant level ($>$ MCL), and trends, if any. Note if detection limit (DL) $>$ MCL.
3. Note elevated residual nitrate.
4. Note elevated pH concentration.
5. Prepare contour maps for nitrate, DO, TOC, benzene, 1,2-DCA, & vinyl chloride.

2.1 Concentration < MCL or ND

Groundwater concentrations of the target metals and organics were reported < MCL or ND in the following wells:

FLTG-13, FLTG-14, INT-22, INT-59-P2, INT-60-P3, INT-108, INT-118, INT-127, INT-135, INT-214, S1-31, S1-33, S1-51-P3, S1-106A, S1-108A, S1-111, S1-118, S1-121.

¹ Southwestern Environmental Consulting, Inc. January, 1996. *Site Closure Plan, French Limited Project, Crosby, Texas*.

² Applied Hydrology Associates, Inc. September 1995. *Evaluation of Stratigraphic Controls on DNAPL Migration*.

2.2 Concentration > MCL

Groundwater samples from the wells with concentrations exceeding MCLs are presented in Table 2-1. For some samples, the detection limits for 1,2-DCA, benzene, and vinyl chloride were higher than the respective MCLs. However, the QA/QC indicated that the laboratory reported the lowest detection limits possible.

2.3 Residual nitrate

Nitrate was generally non-detect (<0.2 mg/L-N) at most wells. Residual nitrate exceeded 0.5 mg/L-N at several wells, summarized in Table 2-2.

2.4 pH

Field pH values at nearly all wells were within the range 6.0-8.0, which is conducive to intrinsic bioremedial activity. However, at the following wells, field pH values on October 14-15 were outside this range:

Well	pH, October 1997	previous min. pH	previous max. pH
INT-118	8.46	7.98	10.48
INT-144	9.01	8.63	9.37

2.5 Contour maps

Contour maps for water level, nitrate, dissolved oxygen (DO), total organic carbon (TOC), benzene, 1,2-dichloroethane (1,2-DCA), vinyl chloride, and affected groundwater for the S1 and INT units in October 1997 are presented and discussed below. Contours are inferred from: the October 1997 sampling results at progress monitoring wells; results of previous quarterly sampling at wells which are now plugged; and monitoring data obtained during active operations (between January 1992 and December 1995). Therefore, the contours presented are not based solely on the data shown on the contour maps, but incorporate judgement based on four years of historic monitoring data at a significantly wider well network. Former wells are shown on the chemical plume maps. (For ease of reference, all maps follow the end of the text in Section 3.0.)

Table 2-1

Concentrations > MCL

Well	Constituents and concentrations ($\mu\text{g/L}$)	Comments
INT-26	benzene 89	no clear trend
INT-101	benzene 9	
INT-106	vinyl chloride 5	
INT-120	1,2-DCA 360 benzene 44	no clear trend; vinyl chloride DL > MCL
INT-123	1,2-DCA 140	
INT-130R	1,2-DCA 460 benzene 52 vinyl chloride 8	450 to 220 to 360 over the last 12 months; no clear trend
INT-130RS	1,2-DCA 110 benzene 36 vinyl chloride 160	
INT-134	1,2-DCA 110 benzene 33 vinyl chloride 200	110 to 64 to 110 over the last 12 months; no clear trend
INT-144	vinyl chloride 3	
INT-217	benzene 14 vinyl chloride 13	
INT-233	benzene 230	500 to <5 to 75 over the last 12 months; no clear trend; 1,2-DCA and vinyl chloride DLs > MCL
S1-106R	benzene 75	increasing
S1-123	1,2-DCA 17,000 vinyl chloride 2,800	wide variations over the last 12 months; no clear trend; benzene DL > MCL
S1-131	benzene 21	
S1-135	arsenic 64	

Explanation

$\mu\text{g/L}$ micrograms per liter (ppb)

1,2-DCA 1,2-dichloroethane

MCL maximum contaminant level (Federal drinking water standard)

Table 2-2

Residual nitrate > 0.5 mg/L-N

Well	Nitrate in 1/96 (mg/L-N)	Nitrate in 4/96 (mg/L-N)	Nitrate in 7/96 (mg/L-N)	Nitrate in 10/96 (mg/L-N)	Nitrate in 1/97 (mg/L-N)	Nitrate in 4/97 (mg/L-N)	Nitrate in 7/97 (mg/L-N)	Nitrate in 10/97 (mg/L-N)	Recent trend
INT-60-P3	41.6	112.0	100.0	91.0	74.4	50.5	91.2	32.7	down
INT-120	63.1	23.3	66.0	21.1	47.4	31.0	38.4	33.1	similar
INT-123	25.6	23.2	21.0	20.1	23.3	19.2	27.3	27.8	similar
INT-130R	new well	30.6	32.0	32.0	33.0	30.6	31.9	34.6	similar
INT-130RS	new well	23.2	20.0	17.5	14.0	12.5	12.7	10.0	similar
INT-134	1.8	0.5	0.8	2.0	2.9	1.0	2.6	7.1	up
S1-106A	92.3	16.6	23.3	11.4	16.2	15.4	12.9	9.8	down
S1-121	56.2	<0.2	0.8	6.0	9.9	<0.2	4.4	7.8	up

Explanation

mg/L-N milligrams per liter as nitrogen
< less than

2.5.1 Water levels

Appendix B presents depth-to-water readings, top-of-casing well elevations, and calculated water levels from April 1996 through October 1, 1997. For October 1997, the depth-to-water measurements include the preliminary round of soundings performed at monitoring wells on October 1, before starting groundwater sampling. The depth-to-water measurements presented in Appendix A are the measurements made on the actual day of sampling, which may be different for some wells. The Appendix A water levels were not used to generate water-level maps.

Figures 2-4 through 2-7 show interpreted groundwater levels in the S1 and INT units for September and October 1997. Required groundwater level monitoring is quarterly, but additional monthly measurements have been performed to enable average water levels to be developed. Figures 2-8 and 2-9 show average water levels for the period May 1997 – October 1997. This is the period for which the current set of water-level monitoring wells has been available.

Water levels for the post-operational phase tend to reflect short-term, localized influences. Short-term rainfall events affect the water level in the South Pond and other surface water bodies, which act as localized recharge or discharge areas depending on recent rainfall relative to average. The normal maximum level for the South Pond appears to be controlled by a downstream beaver dam.

The S1 and INT water-level maps indicates that significant downward leakage from the S1 unit to the INT unit occurs in a localized area south of the west end of the former lagoon, where the C1 clay is absent ("C1 window"). In this area, the average hydraulic gradient in the S1 unit is NE towards the C1 window, whereas the average hydraulic gradient in the INT unit is to the SW, away from the C1 window. This trend has been fairly consistent since active remediation ended.

The other fairly consistent feature, seen in the September and October water-level maps, is the extremely low hydraulic gradient south of the former lagoon and east of the C1 window. In both the S1 and INT units, the gradient is generally to the southeast, away from the clay window. Overall, it appears that the cutoff wall has created virtually stagnant groundwater flow conditions in the area south of the former lagoon.

Three sets of paired S1 unit monitoring wells track head differences across the cutoff wall, which encloses an active phytoremediation area. The well pairs are P-6/P-5; S1-119/S1-121; and S1-126/S1-64. The first well of each pair is inside the cutoff wall; the second well is outside. Head differences are shown in Figures 2-4 through 2-7. During September and October 1997, hydraulic gradients were outward with from 0.11 to 2.05 feet head difference. It is planned that phytoremediation will eventually reverse this head difference.

The effectiveness of the steel sheetpile cutoff wall system used at the French Limited site was confirmed by long-term testing described in *INT-11 DNAPL area, cutoff wall installation and permeability certification report*¹. This report concluded that the cutoff wall is equivalent to a conventional 2.5-foot thick slurry wall with a permeability of 1×10^{-9} cm/sec. Hence, an outward hydraulic gradient will not result in significant outward migration of groundwater.

2.5.2 Nitrate

Nitrate contour maps for October 1997 are presented in Figures 2-10 and 2-11. The S1 unit has maximum nitrate concentrations of 9.8 mg/L-N at S1-106A and 7.8 mg/L at S1-121. Elsewhere, nitrate concentrations are less than 0.2 mg/L-N. In the INT unit, concentrations > 5 mg/L-N were detected at INT-60-P3, INT-120, INT-127, INT-30R/RS, and INT-134. Elsewhere, nitrate concentrations are less than 0.2 mg/L-N. Nitrate concentrations have not varied greatly over the last several quarters. This indicates that most of the residual nitrate that was in the aquifer at the end of active remediation has been removed, or is not in a denitrification area.

2.5.3 Dissolved oxygen

Dissolved oxygen contour maps for October 1997 are presented in Figures 2-12 and 2-13. The S1 unit has a maximum DO concentration of 1.2 mg/L at S1-121 and is otherwise generally less than 0.5 mg/L. In the INT unit, two wells (INT-60-P3 and INT-123) show high concentrations (3.4 and 9.4 mg/L). Elsewhere, DO is generally less than 0.5 mg/L. These results indicate that most of the residual DO that was in the aquifer at the end of active remediation has been removed, presumably through continued aerobic bioremediation.

2.5.4 Total organic carbon

Total organic carbon contour maps for October 1997 are presented in Figures 2-14 and 2-15.

2.5.5 Benzene

Benzene contour maps for October 1997 are presented in Figures 2-16 and 2-17.

¹ Applied Hydrology Associates, Inc. August 1995.

2.5.6 1,2-DCA

1,2-DCA contour maps for October 1997 are presented in Figures 2-18 and 2-19.

2.5.7 Vinyl chloride

Vinyl chloride contour maps for October 1997 are presented in Figures 2-20 and 2-21

2.5.8 Affected groundwater

The affected area is shown in Figures 2-22 and 2-23. The affected S1 and INT groundwater does not represent a threat to the public health or the environment, because FLTG controls all property that contains elevated concentrations of chemicals in groundwater, and all areas containing affected groundwater are potentially subject to institutional controls.

Areas of affected groundwater do not coincide with areas containing electron acceptors. Therefore, additional oxygen may need to be added to the aquifer to expedite natural attenuation. Figures 2-24 and 2-25 show a conceptual approach to introducing oxygen into affected areas through direct sparging of pure oxygen. This is discussed further in Section 3.2.

3.0 Natural attenuation modeling update

This section describes the third phase of natural attenuation modeling performed for the French Limited project. The current model may also be referred to here as the 1997 model. The two previous phases are briefly summarized here.

The first phase was performed in 1995 and was reported in the *Natural Attenuation Modeling Report* (December 1995). This model will be referred to here as the 1995 model. This report supported the shutdown of active remediation on December 15, 1995.

In the second phase, the 1995 model was revised in light of the October 1996 sampling results. This model will be referred to here as the 1996 model. The 1996 model used a revised version of the BioTrans® code, a hybrid approach to starting conditions, and a change from 50% to 25% biodegradable TOC. The second phase model is discussed in detail in the *Natural Attenuation Modeling Progress Report, 4th Quarter, 1996* (December 1996).

3.1 Model modifications

Changes in the natural attenuation model since October 1996 include using actual rather than simulated groundwater flow patterns, and calibration of some of the key model parameters based on post-shutoff chemical data.

3.1.1 Groundwater flow input

Natural attenuation modeling performed to date for the French Limited project used a combination of Visual MODFLOW (VMODFLOW®) and BioTrans®. VMODFLOW simulated groundwater flow and BioTrans® simulated chemical migration and oxygen-limited biodegradation. Output from VMODFLOW® was used as the input to BioTrans®.

The flow modeling component was based on predicted post-shutoff groundwater elevations. These were based on the cutoff wall location and regional geologic boundaries (flow boundaries) and an assumed regional hydraulic gradient based on San Jacinto River grades. Predicted groundwater elevations were used because there were no "background" groundwater level data for both non-remediation conditions and the cutoff wall barrier in place.

Since system shutoff in December 1995, groundwater level data has been obtained from the monitoring well network for 20 months. In addition, several additional monitoring wells were installed in April 1997 to cover all of the modeled areas, and a further 6 months data is available from this expanded group of wells. These data were compiled to generate average water level contour maps (see Figures 2-8 and

2-9). These maps were then used to generate the flow input for BioTrans®, and the VMODFLOW® step has been taken out of the process. Therefore, each BioTrans® modeled area now includes a flow domain which accurately represents real, rather than modeled, groundwater flow patterns. For the INT West area, an area of recharge from the S1 unit to the INT unit was added to simulate the C1 clay window in part of that model area.

3.1.2 Calibration

Previous natural attenuation modeling used site-specific parameters for most input values. Where site-specific values were not available, a best estimate value was selected. The selected parameter values were tested by sensitivity analysis and were thoroughly discussed in several meetings with EPA Region 6. For the latest phase of modeling, a calibration exercise was run for three key parameters using the 20 months of post-shutoff data generated between December 1995 and October 1997. The parameters reviewed for calibration were:

1. Biodegradable TOC %
2. TOC adsorption factor
3. Aquifer dispersivity

For expediency, calibration runs were performed only for the INT-West area. This area was selected because previous modeling runs had shown that this area was most vulnerable to not meeting cleanup criteria, and it was geographically closest to potential receptors. Calibration runs used actual average groundwater levels for the flow domain, and the December 1995 DO, nitrate, TOC, benzene, 1,2-DCA, and vinyl chloride distributions as the starting condition.

Each set of calibration runs starts with the parameters used in the October 1996 model (the "base value"). For each calibration parameter, several runs were performed using various different values of that parameter, all other values being kept the same as in the 1996 model. Calibration models were run to October 1997. Model output for two key wells in the INT-West area, INT-101 and INT-233, was then compared with historic data up to October 1997. The final value selected was based on the closest fit between simulated and historic results. Modeled values are presented in the table at the end of this section.

The calibration phase resulted only in changes to dispersivity. The biodegradable TOC percentage and the TOC adsorption factor were unchanged. Graphs showing modeled versus historic data are presented in Appendix C in the order described in Section 3.1.3 through 3.1.5. Details of individual parameters and results of calibration are described in these sections.

Parameter	Base value	Other modeled values	Final value selected
Biodegradable TOC %	25%	50%, 75%	25%
TOC adsorption factor	1.95	0.055, 18.6, 1121.0	1.95
Aquifer dispersivity (S1)	61 ft	not evaluated	80 ft
Aquifer dispersivity (INT West area)	17.5 ft	5, 67, 133	67 ft
Aquifer dispersivity (other INT areas)	17.5 ft	(See Section 3.1.5)	16 ft

3.1.3 Biodegradable TOC

Bioreactor tests performed for the 1995 model indicated that approximately 50% of TOC was non-biodegradable and therefore did not compete for oxygen with other chemical species. This value was therefore used in the 1995 model. However, as natural attenuation has progressed, chemical conditions have changed. As would be expected, as TOC is biodegraded, it leaves a higher proportion of non-biodegradable TOC. In preliminary runs for the 1996 model, it appeared that a better fit to historic data would be achieved with a lower value for biodegradable TOC, and this parameter was changed to 25%. In 1996, this change was not evaluated quantitatively, and it was agreed that this parameter would be more thoroughly calibrated for the next phase of modeling. The 1997 calibration indicated that the value of 25% biodegradable TOC (75% non-degradable TOC) provided the best fit and was judged most appropriate for continued modeling.

3.1.4 TOC adsorption factor

Because the specific chemicals that make up TOC are uncharacterized, book values of adsorption factor and other chemical-specific parameters (e.g., solubility) cannot be used. For the 1995 model, a generic Kd value of 1,500 was used based on recommendations by the BioTrans authors. For the 1996 model, this approach was re-evaluated, and a Kd value of 1.95 was used based on the presumption that much of the TOC comprised naphthalene. The 1997 calibration considered other surrogate "TOC" chemicals¹. These were evaluated to cover a broad range of possible values for Kd. The calibration indicated that a Kd value of 1.95 provided the best fit and was judged most appropriate for continued modeling.

¹ The surrogate "TOC" chemicals which were evaluated were: (1) 2-nitrophenol (Kd = 0.055), (2) naphthalene (Kd = 1.95), (3) 1,2,4-trichlorobenzene (Kd = 18.6), and (4) benzo(a)pyrene (Kd = 1121).

3.1.5 Aquifer dispersivity

Dispersion of chemicals in groundwater is a function of the groundwater flow velocity, and aquifer dispersivity, an intrinsic property with dimension L. Although dispersivity is an intrinsic property, it is also scale-dependent. The accepted rule of thumb for longitudinal dispersivity is to apply a value equal to 1/10 of the maximum plume dimension, and to assume transverse dispersivity at 1/10 of the longitudinal dispersivity. In the 1995 and 1996 models, the maximum plume dimension was estimated by taking the maximum velocity vector (from the predicted flow field) and deriving a plume length for a 10-year period. In the 1997 model, the flow field is based on actual groundwater level measurements rather than a predicted flow field. As a result, different groundwater velocities and predicted plume lengths now apply:

INT Areas	1995 & 1996 models	1997 model
Max velocity (ft/day)	0.048	0.366
Max plume length (ft)	175	1,336
Dispersivity (ft)	17.5	133
Calibrated value (ft)	NA	67

S1 Areas	1995 & 1996 models	1997 model
Max velocity (ft/day)	0.167	0.436
Max plume length (ft)	610	1,591
Dispersivity (ft)	61	159
Calibrated value (ft)	NA	80

In the 1997 calibration, 133 feet was used as the upper range for dispersivity. Calibration indicated that results were fairly insensitive to dispersivity; however, overall, a value of 67 feet provided the best fit and was judged appropriate for continued modeling. Note that the calibrated values are somewhat less than the dispersivity values based on the 1/10 rule alone; this reflects the fact that the 1/10 rule is applied to the *maximum* groundwater velocity, which is not necessarily representative of the entire modeled area.

3.2 Oxygen addition

As indicated in Section 2.5.3, DO is generally less than 0.5 mg/L, indicating that most of the residual DO that was in the aquifer at the end of active remediation has been removed, through continued aerobic bioremediation, or is not in an aerobic degradation area. Because the model simulates oxygen-limited biodegradation, it was considered that 1997 model results would be unsatisfactory in high oxygen demand areas. Therefore, it was assumed that additional dissolved oxygen would be introduced to the affected areas of the aquifer. This would most likely be achieved through a single phase of direct sparging of pure oxygen in the affected areas (e.g., Figures 2-24 and 2-25).

During active remediation at the site, dissolved oxygen concentrations of greater than 30 ppm were achieved when injection water was treated with pure oxygen. Therefore, it was assumed that in the treated areas, DO would be increased to 30 ppm. This was implemented in the model as follows. The 1997 model was run with the same initial TOC, DO, and VOC plume conditions as the 1995 model, for a period of two years. After two years (i.e., the end of 1997), a 30-ppm DO plume was superimposed over the target oxygen addition areas. The model was then run for a further 8 years (i.e., the end of 2005). Results are presented in Appendix D and described below.

3.3 Model results

The 1997 model results are presented in map and tabular form in Appendix D. Details for each model area follow in section 3.3.1 through 3.3.5.

3.3.1 INT West

The 1997 DO plume is assumed to equal 30 ppm over all affected areas. No results for 2005 are shown as predicted concentrations of benzene, 1,2-DCA, vinyl chloride, and TOC are all zero.

3.3.2 INT Central

The 1997 DO plume is assumed to equal 30 ppm over all affected areas. Predicted concentrations of 1,2-DCA and vinyl chloride are all at or equal to their MCLs outside the site boundary. Predicted concentrations of benzene are up to 70 ppb just outside the site boundary. Continued monitoring will indicate actual performance in this area. If necessary, oxygen addition will be extended in this area (e.g., by a second phase of sparging in 1998).

3.3.3 INT East

The 1997 DO plume is assumed to equal 30 ppm over all affected areas. Predicted concentrations of 1,2-DCA are all at or equal to the MCL (5 ppb) outside the site boundary. Predicted concentrations of benzene and vinyl chloride are up to 25 ppb and 60 ppb, respectively, just outside the site boundary. Continued monitoring will indicate actual performance in this area. If necessary, oxygen addition will be extended in this area (e.g., by a second phase of sparging in 1998).

3.3.4 INT Wall

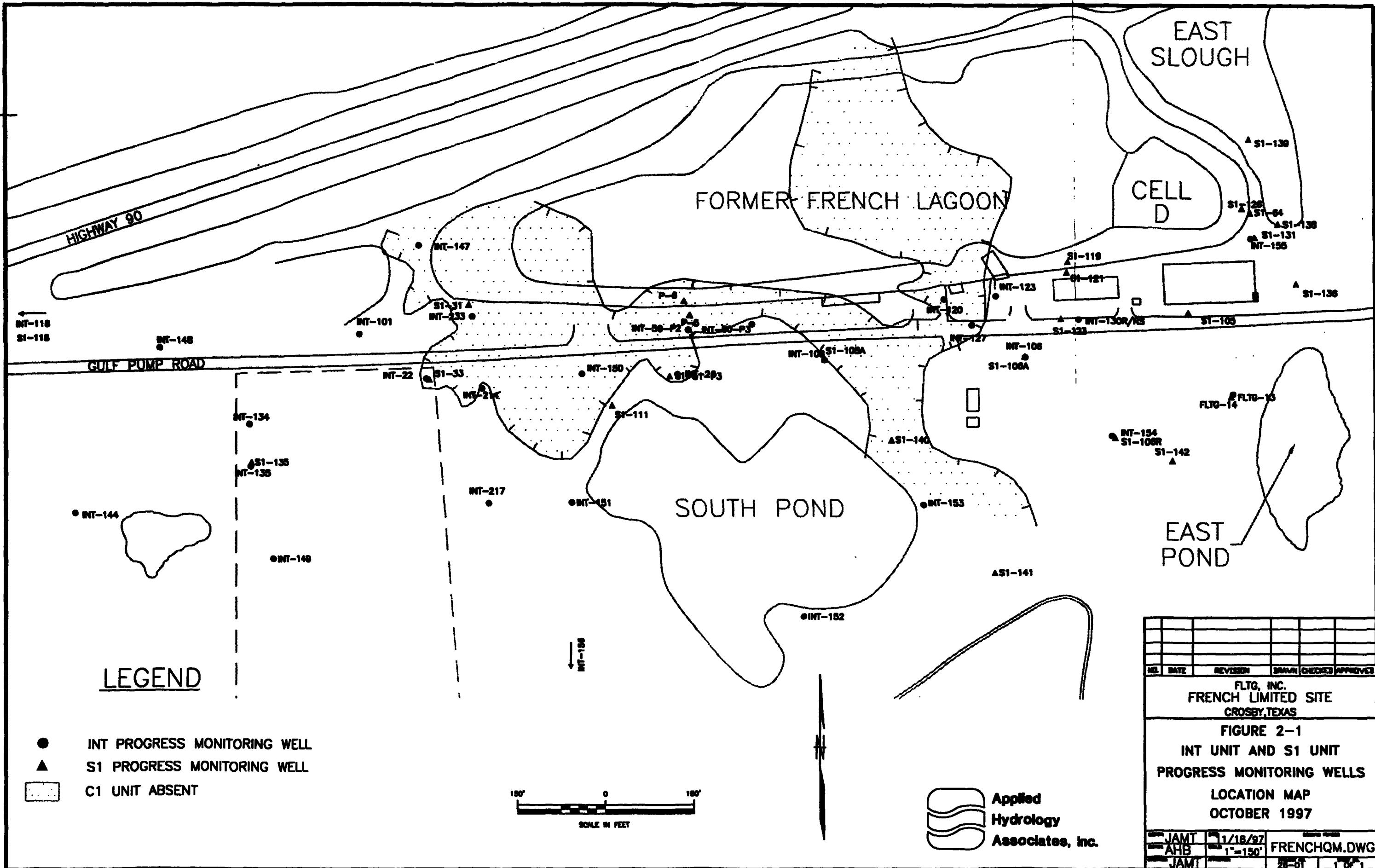
The INT Wall area is a more detailed subset of the INT East area. For this subarea, predicted concentrations of benzene, 1,2-DCA, and vinyl chloride are all at or equal to their MCLs outside the site boundary. The areas of benzene and vinyl chloride exceeding MCLs outside the site boundary predicted by the INT East model are outside the INT Wall area.

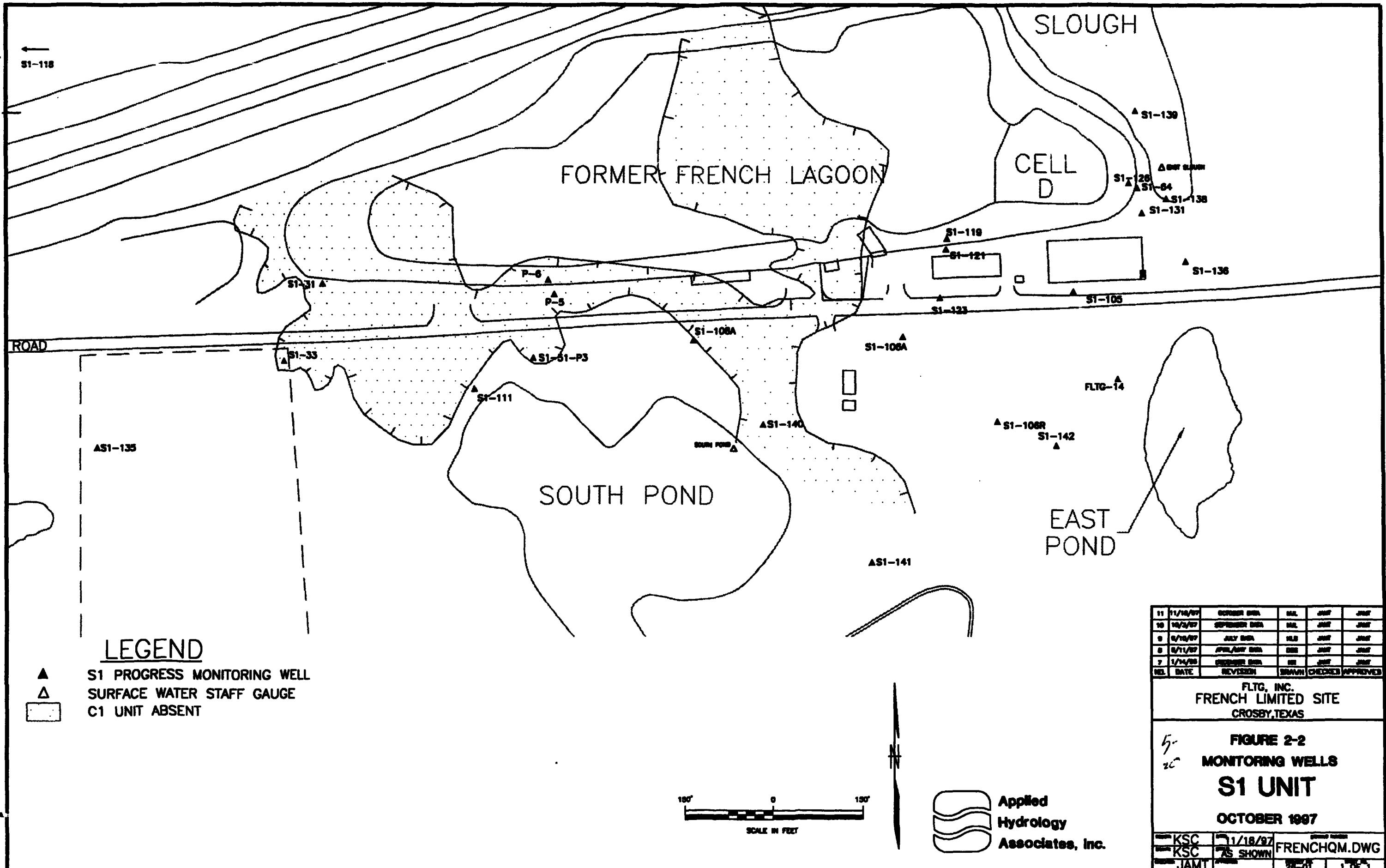
3.3.5 S1 East

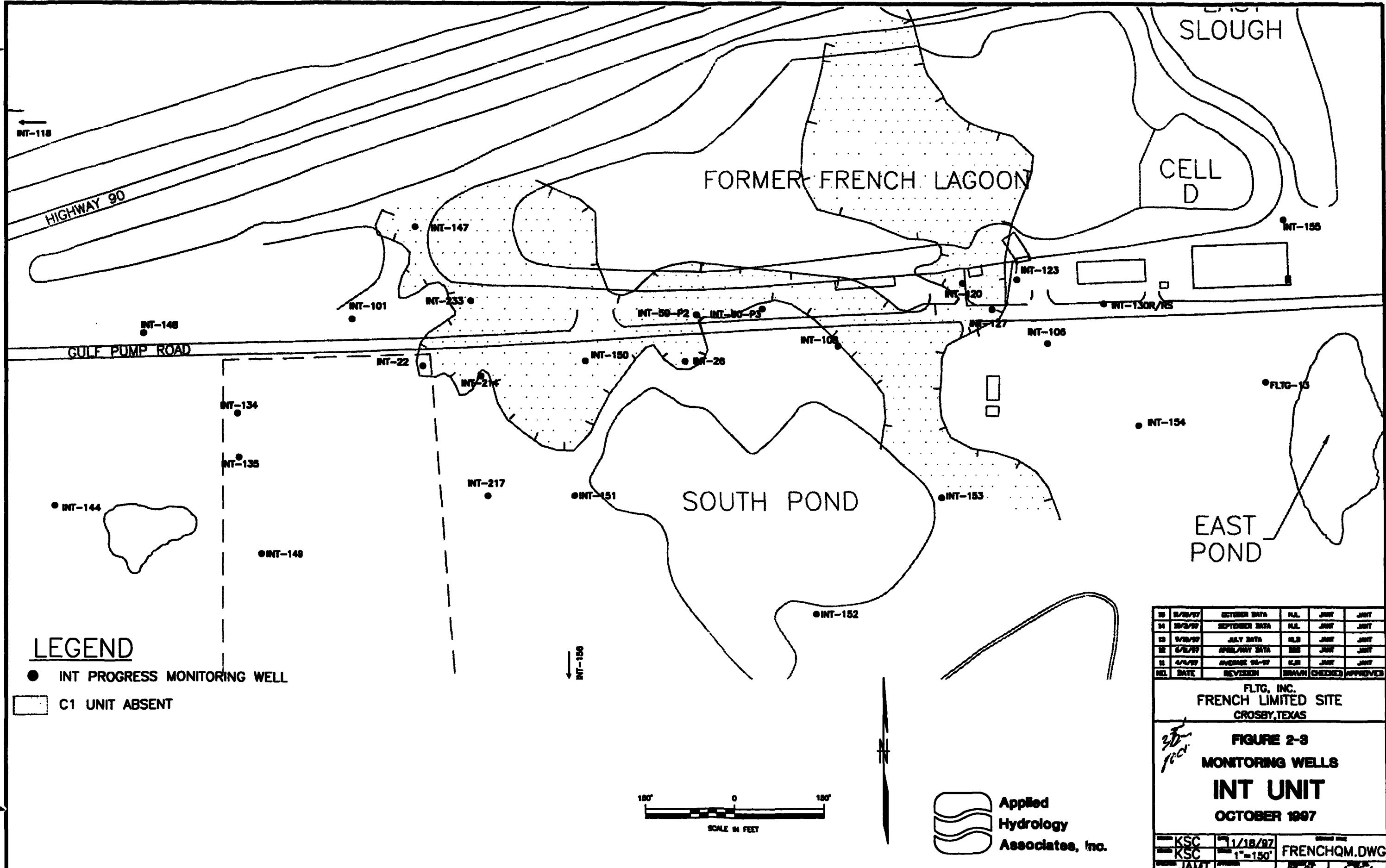
The 1997 DO plume is assumed to equal 30 ppm over all affected areas. Predicted concentrations of benzene, 1,2-DCA, and vinyl chloride are up to 11 ppb, 1,400 ppb, and 200 ppb, respectively, just outside the site boundary. Continued monitoring will indicate actual performance in this area. It is likely that oxygen addition will be extended in this area (e.g., by a second phase of sparging in 1998).

3.4 Summary and Conclusions

In most areas, predicted chemical concentrations were reduced to below MCLs by 2005. In some areas, predicted chemical concentrations were not reduced below MCLs by 2005. However, continued monitoring will indicate actual performance in these areas. If necessary, oxygen addition will be extended in these areas (e.g., by a second phase of sparging in 1998). With the application of sufficient additional oxygen to the affected areas of the aquifer, natural attenuation will achieve site cleanup criteria within ten years of the shutdown of active remediation at the French Limited site.







The logo for Applied Hydrology Associates, Inc. It features a stylized graphic on the left consisting of three horizontal, wavy, rounded rectangular bars of decreasing height from top to bottom. To the right of the graphic, the company name is written in a bold, black, sans-serif font, with each word stacked vertically.

13	10/20/97	OCTOBER DATA	NLL	JAWT	JAWT
14	10/20/97	SEPTEMBER DATA	NLL	JAWT	JAWT
15	9/16/97	JULY DATA	NLL	JAWT	JAWT
16	9/16/97	APRIL/MAY DATA	NLL	JAWT	JAWT
17	9/16/97	AVERAGE 94-97	KLR	JAWT	JAWT
18	DATE	REVISION	DRAWN	CHECKED	APPROVED

FLTC, INC.
FRENCH LIMITED SITE
CROSBY, TEXAS

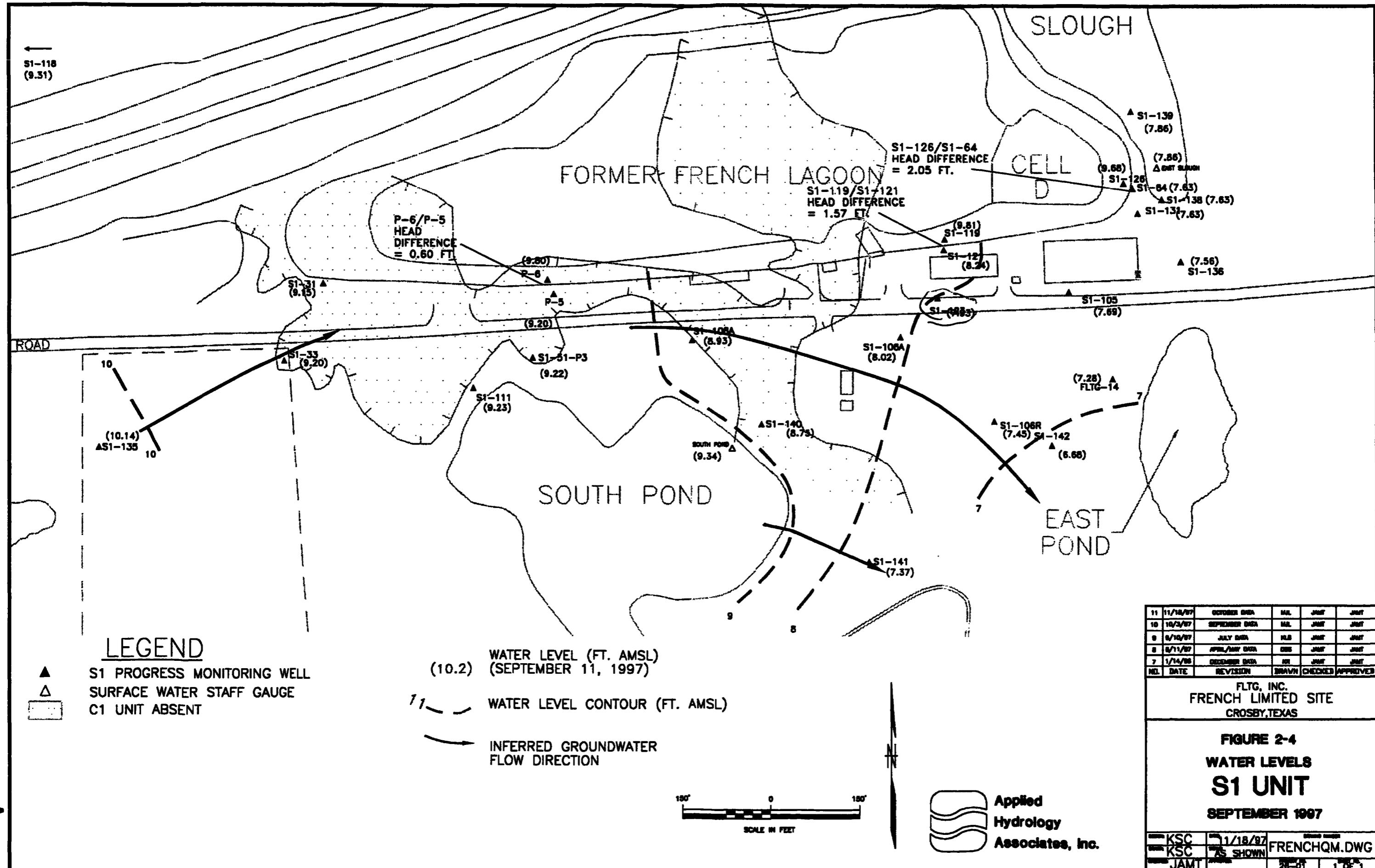
300'
100'

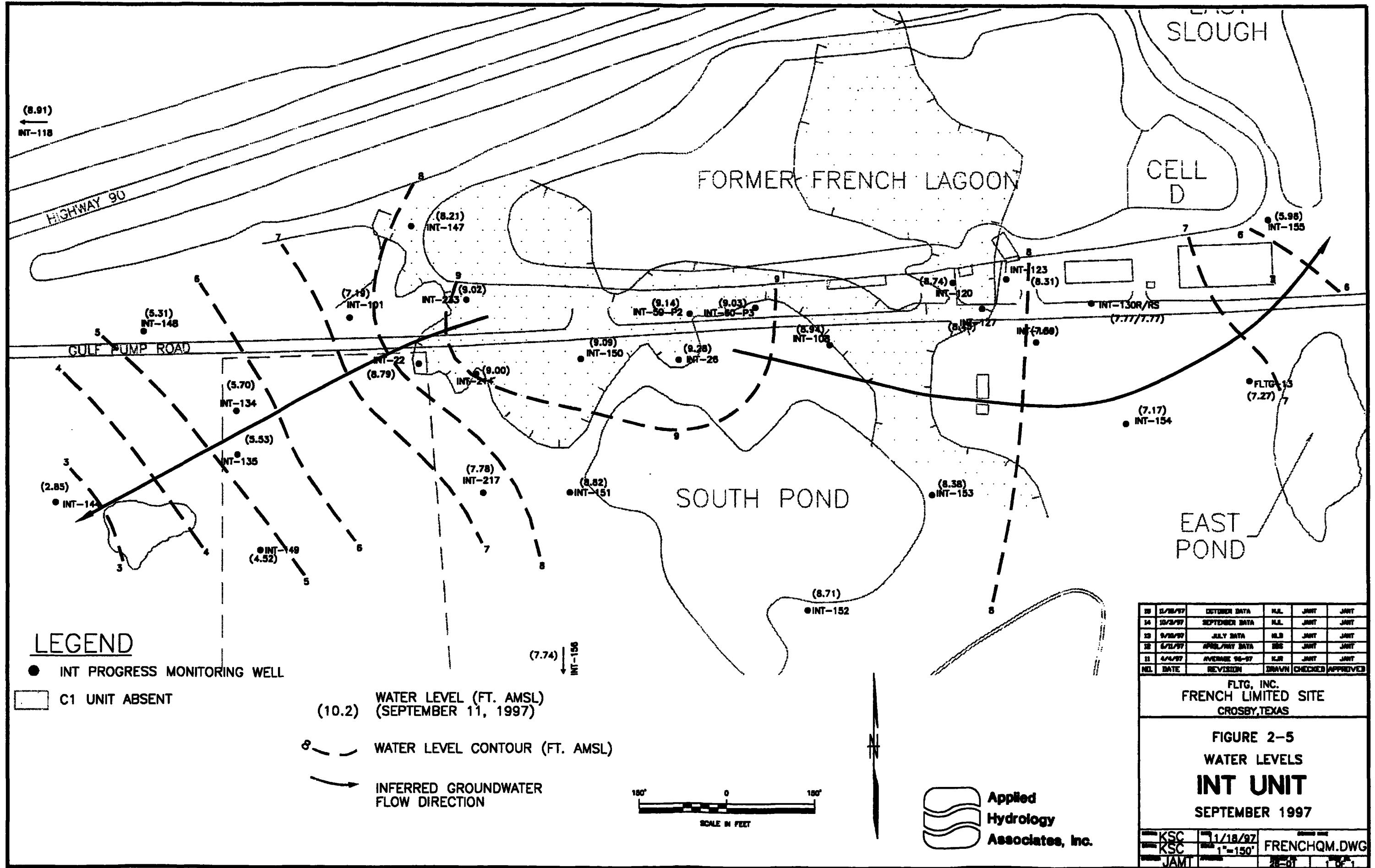
FIGURE 2-3
MONITORING WELLS

INT UNIT
OCTOBER 1997

KSC	1/18/97	REVISION DATE
KSC	1 = 150'	SCALE
JAWT		DATE

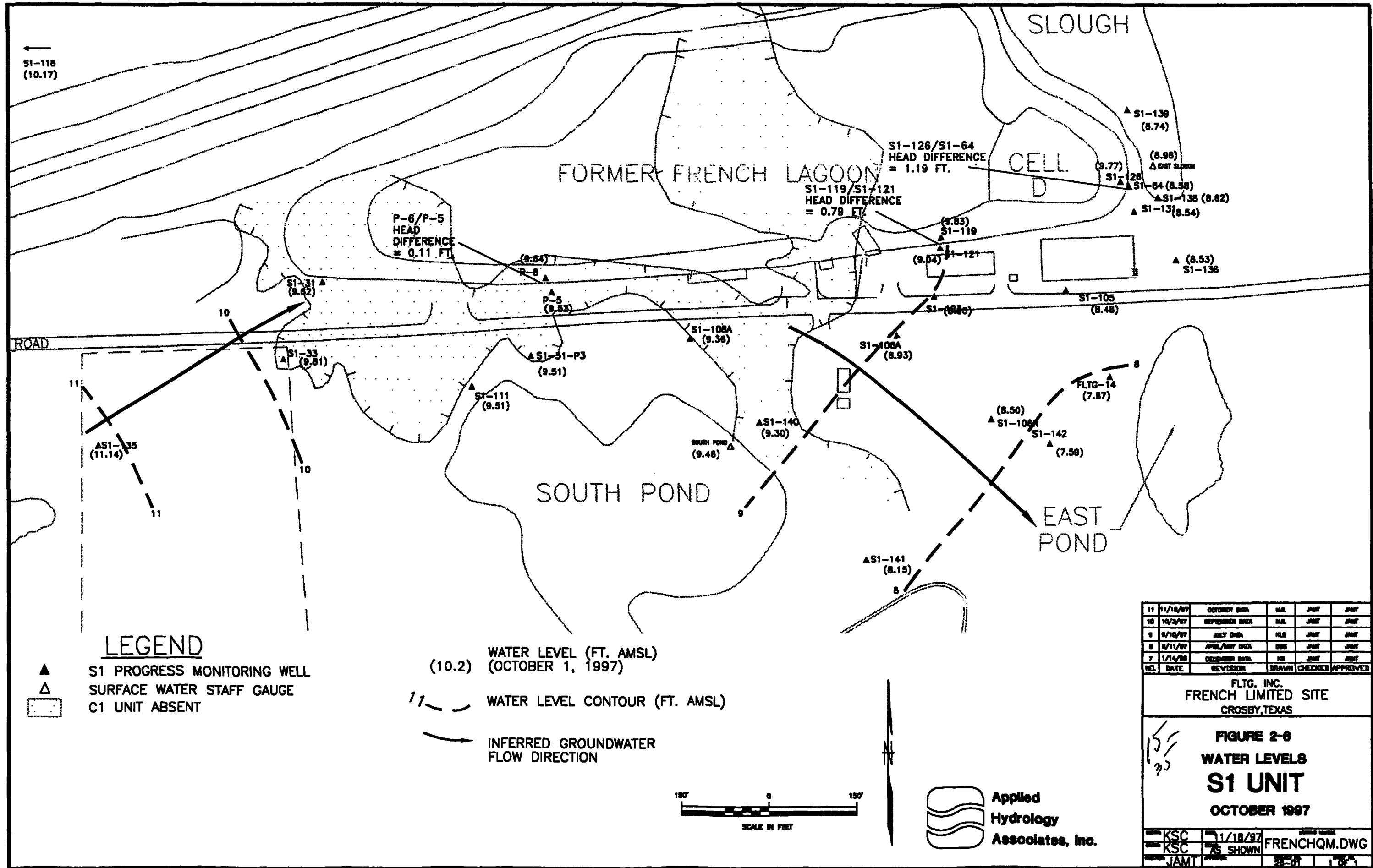
FRENCHQM.DWG

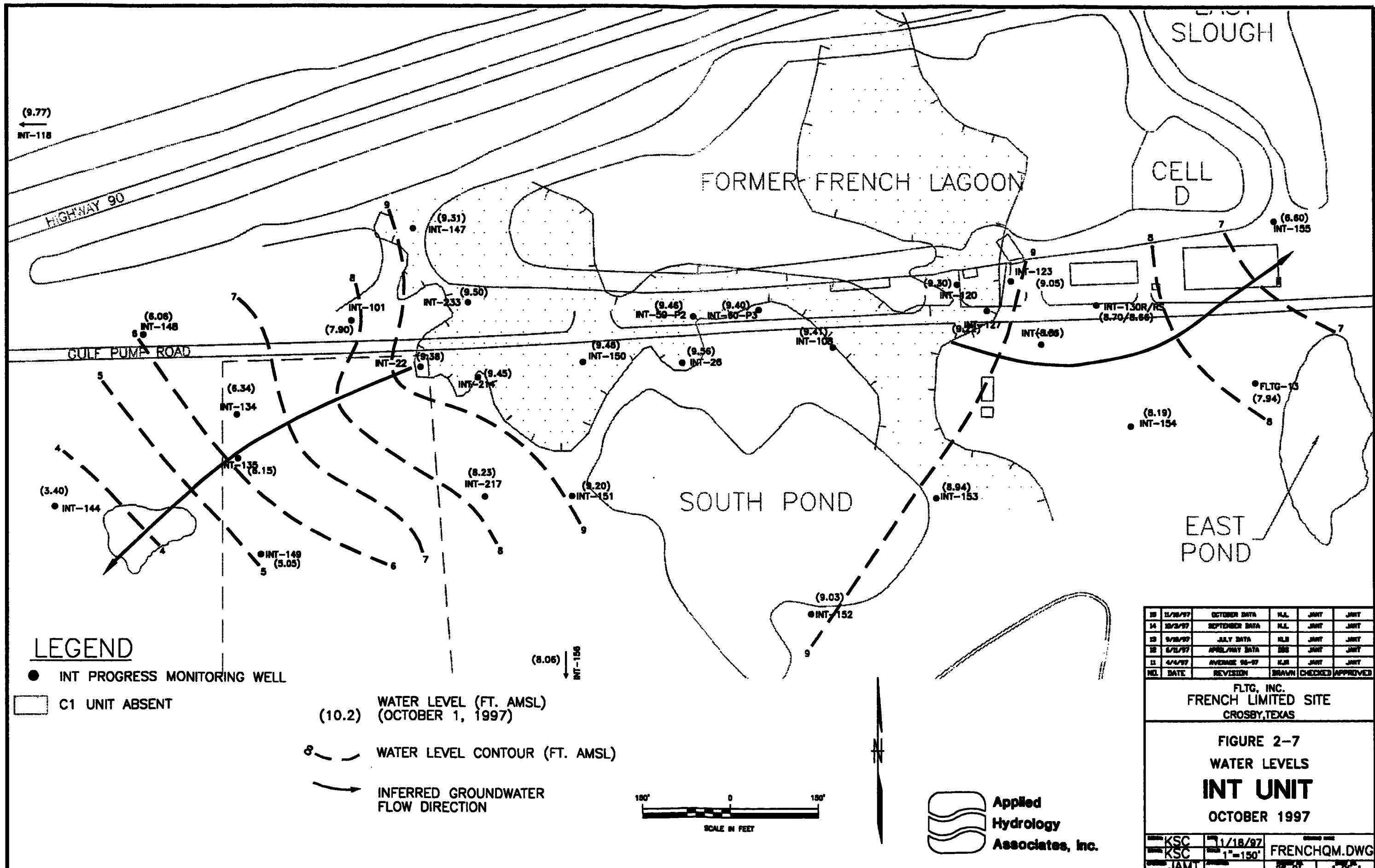




**Applied
Hydrology
Associates, Inc.**

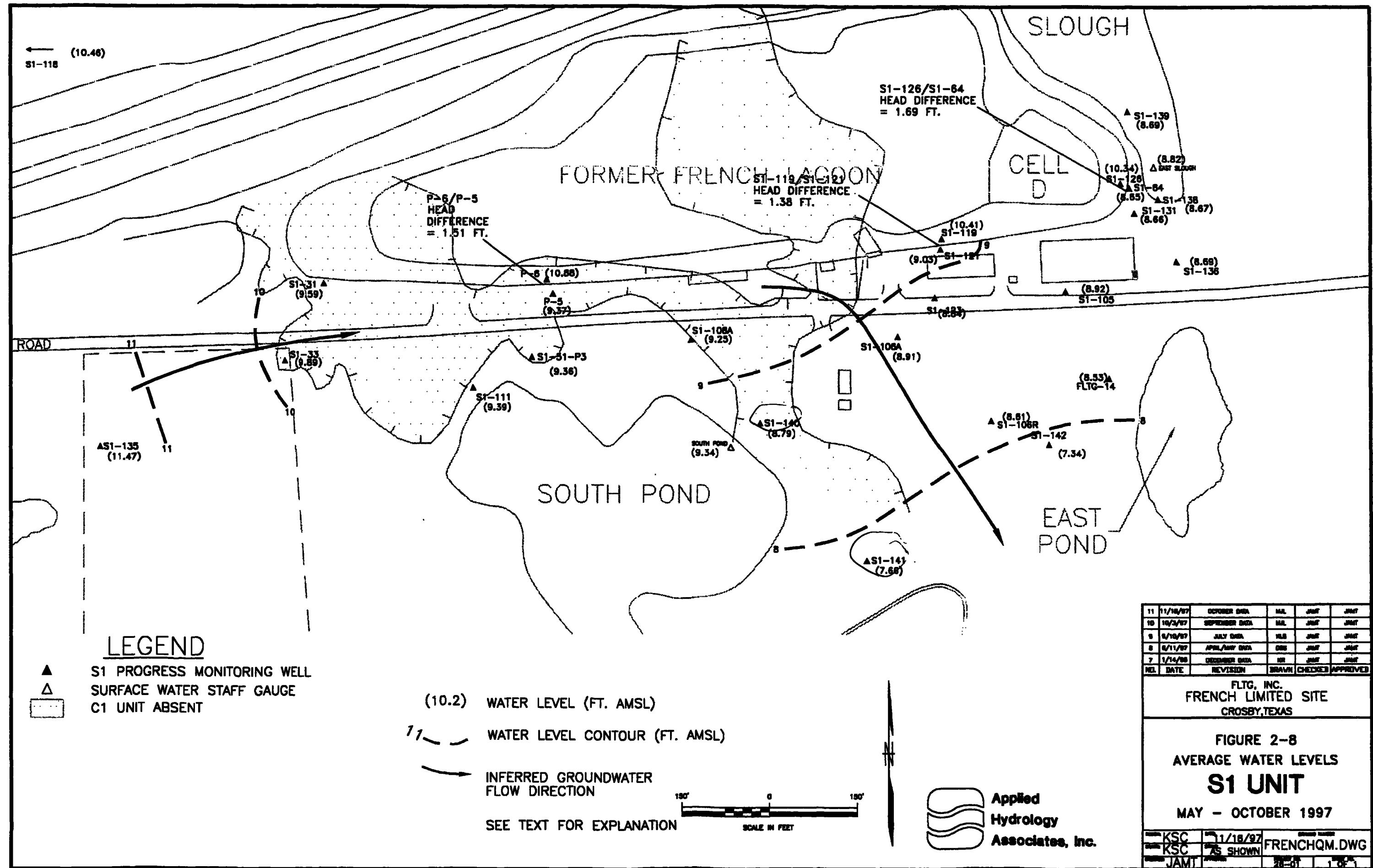
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14	12/3/97	SEPTEMBER DATA	N.L.	JANT	JANT
15	9/10/97	JULY DATA	N.L.	JANT	JANT
16	6/11/97	APRIL/MAY DATA	N.L.	JANT	JANT
11	4/4/97	AVERAGE 96-97	N.L.	JANT	JANT
NOL DATE		REVISION	DRAWN	CHECKED	APPROVED
<p style="text-align: center;">FLTG, INC. FRENCH LIMITED SITE CROSBY, TEXAS</p>					
<p style="text-align: center;">FIGURE 2-5 WATER LEVELS INT UNIT SEPTEMBER 1997</p>					
KSC	1/18/97	DRAWN BY			
KSC	1"-150"	FRENCHQM.DWG			
JANT		25-RT	1-DE-1		





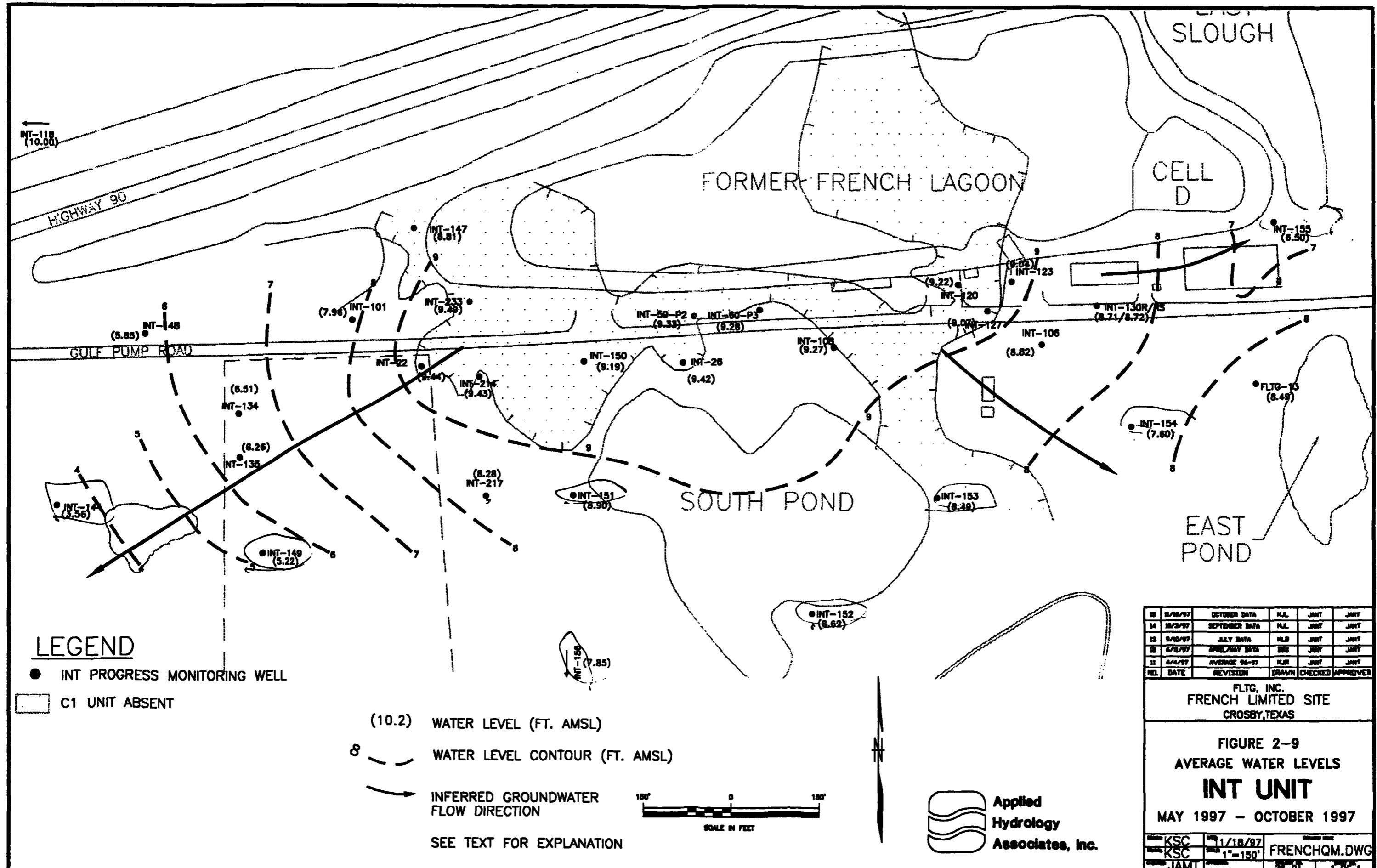
**Applied
Hydrology
Associates, Inc.**

13	11/16/97	OCTOBER DATA	N.L.	JAWT	JAWT
14	12/3/97	SEPTEMBER DATA	N.L.	JAWT	JAWT
15	9/18/97	JULY DATA	N.L.	JAWT	JAWT
16	8/10/97	APRIL/MAY DATA	DGS	JAWT	JAWT
17	4/4/97	AVERAGE 96-97	KLR	JAWT	JAWT
NO.	DATE	REVISION	DRAWN	CHECKED	APPROVED
FLTG, INC. FRENCH LIMITED SITE CROSBY, TEXAS					
FIGURE 2-7 WATER LEVELS INT UNIT OCTOBER 1997					
KSC	1/18/97				
KSC	1'-150'				
JAWT					



11	11/16/97	OCTOBER DATA	ML	JMT	JMT
10	10/3/97	SEPTEMBER DATA	ML	JMT	JMT
9	9/10/97	JULY DATA	ML	JMT	JMT
8	8/11/97	APRIL/MAY DATA	ML	JMT	JMT
7	7/14/97	JUNE/JULY DATA	ML	JMT	JMT
NO. DATE		REVISION	BRAVIN	CHECKED	APPROVED
FLTG, INC. FRENCH LIMITED SITE CROSBY, TEXAS					
FIGURE 2-8 AVERAGE WATER LEVELS S1 UNIT MAY - OCTOBER 1997					
KSC	1/16/97				
KSC	AS SHOWN				
JMT					

FRENCHQM.DWG

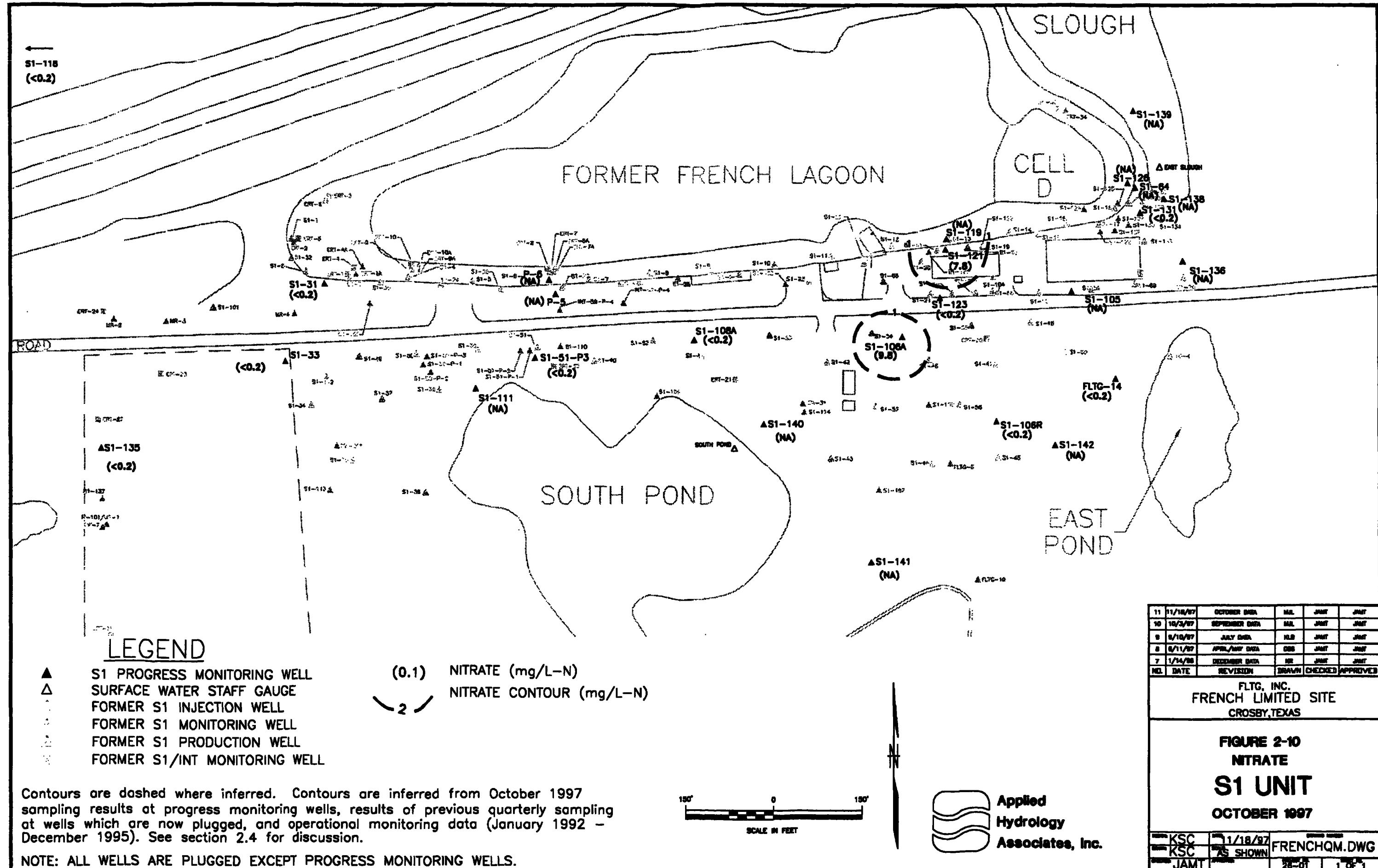


10	10/16/97	OCTOBER DATA	N.L.	J.M.T.	J.M.T.
14	10/2/97	SEPTEMBER DATA	N.L.	J.M.T.	J.M.T.
13	9/16/97	JULY DATA	N.L.	J.M.T.	J.M.T.
22	6/10/97	APRIL/MAY DATA	S.S.	J.M.T.	J.M.T.
11	4/4/97	AVERAGE 94-97	K.J.R.	J.M.T.	J.M.T.
N.L. DATE		REVISION	DRAWN	CHECKED	APPROVED

FLTG, INC.
FRENCH LIMITED SITE
CROSBY, TEXAS

FIGURE 2-9
AVERAGE WATER LEVELS
INT UNIT
MAY 1997 - OCTOBER 1997

KSC	1/18/97	—
KSC	—	1-150'
J.M.T.	—	FRENCHQM.DWG



Contours are dashed where inferred. Contours are inferred from October 1997 sampling results at progress monitoring wells, results of previous quarterly sampling at wells which are now plugged, and operational monitoring data (January 1992 – December 1995). See section 2.4 for discussion.

NOTE: ALL WELLS ARE PLUGGED EXCEPT PROGRESS MONITORING WELLS.



The logo consists of a stylized, rounded rectangular frame containing three horizontal wavy lines of increasing height from left to right. To the right of the frame, the company name is written vertically in a serif font.

11	11/18/87	OCTOBER DATA	MIL	JMT	JMT
10	10/3/87	SEPTEMBER DATA	MIL	JMT	JMT
9	9/10/87	JULY DATA	MIL	JMT	JMT
8	8/11/87	APRIL/MAY DATA	QBS	JMT	JMT
7	1/14/88	DECEMBER DATA	MR	JMT	JMT
NO. DATE		REVISION	DRAWN	CHECKED	APPROVED

**FLTG. INC.
FRENCH LIMITED SITE
CROSBY, TEXAS**

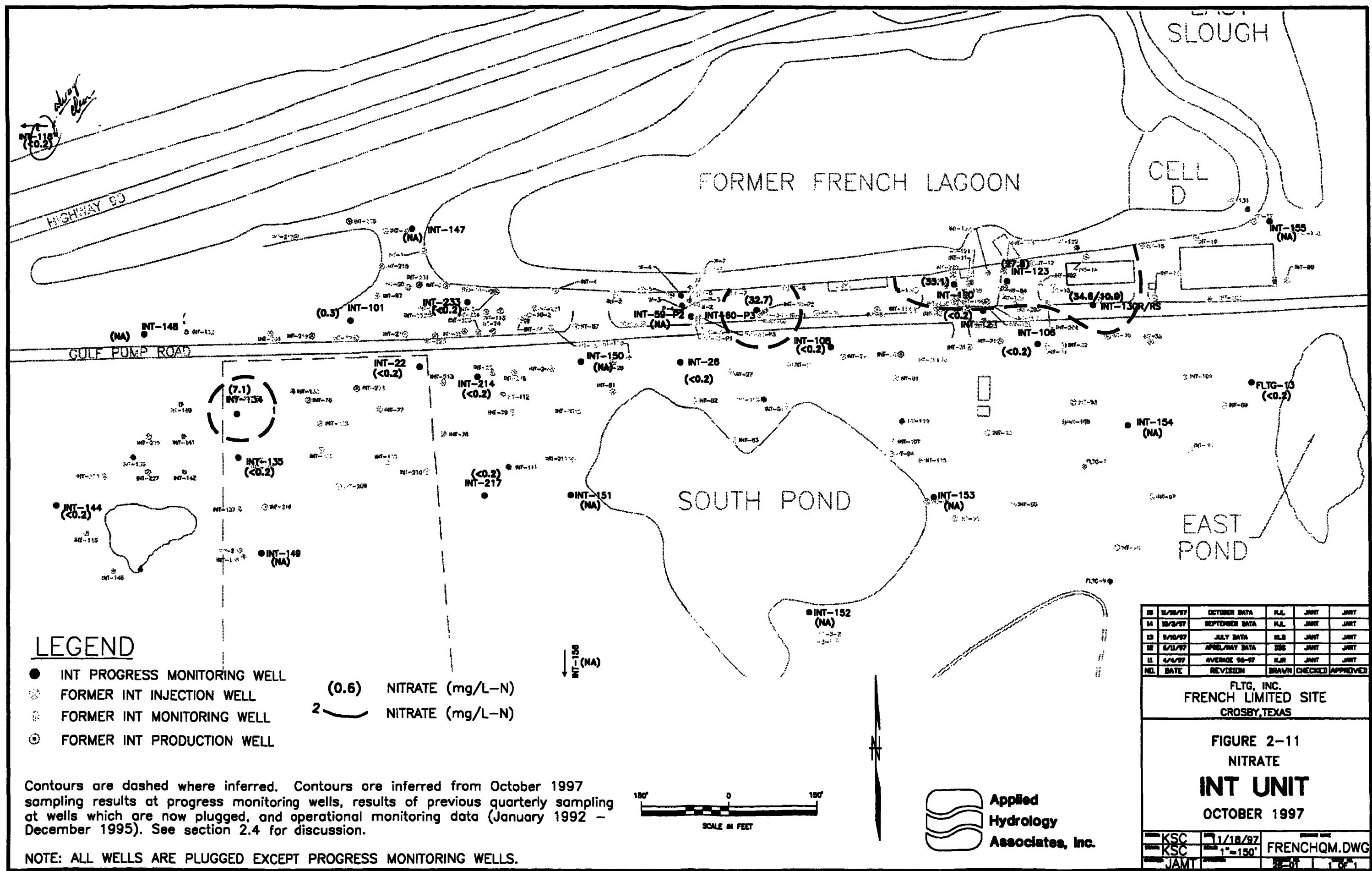
FIGURE 2-10

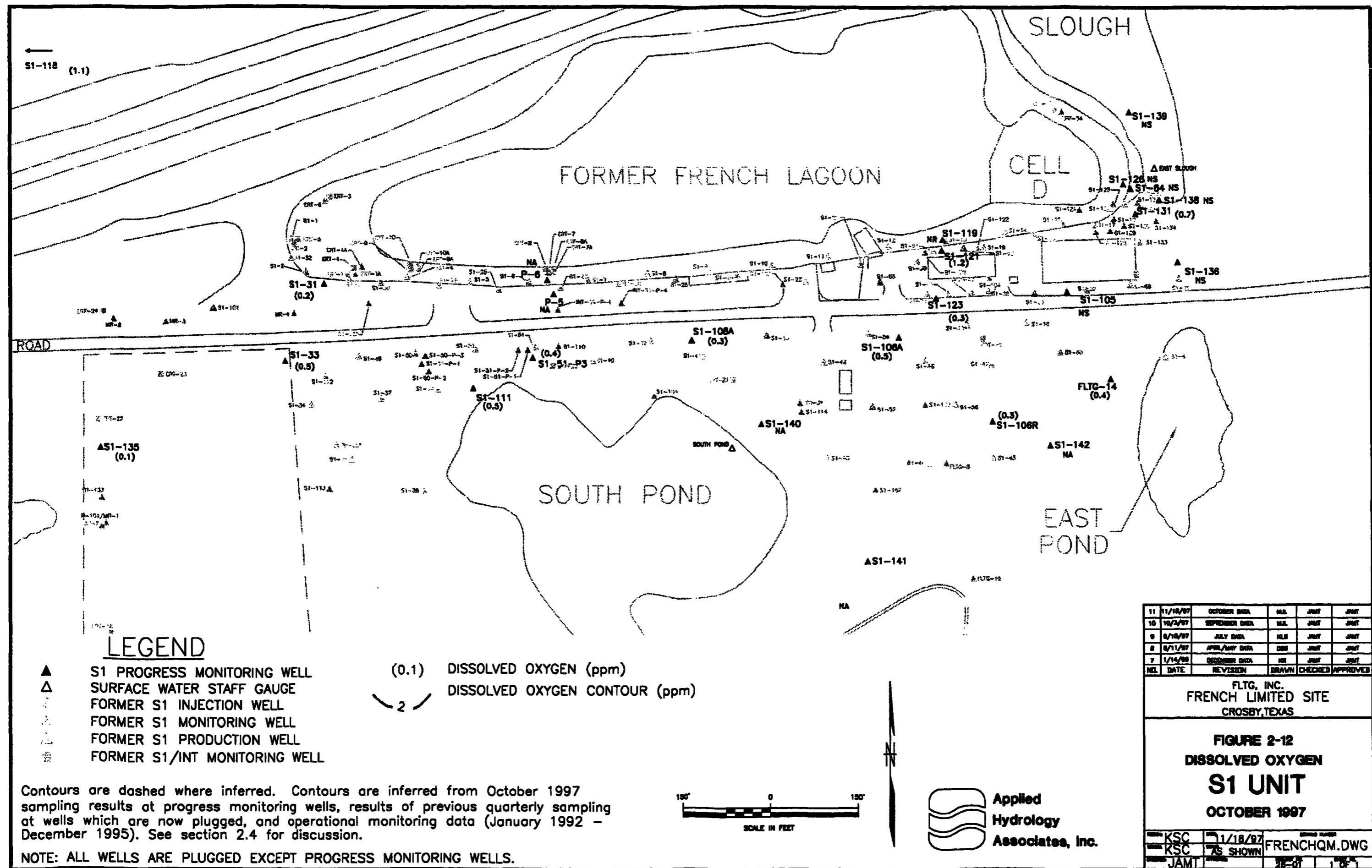
NITRATE

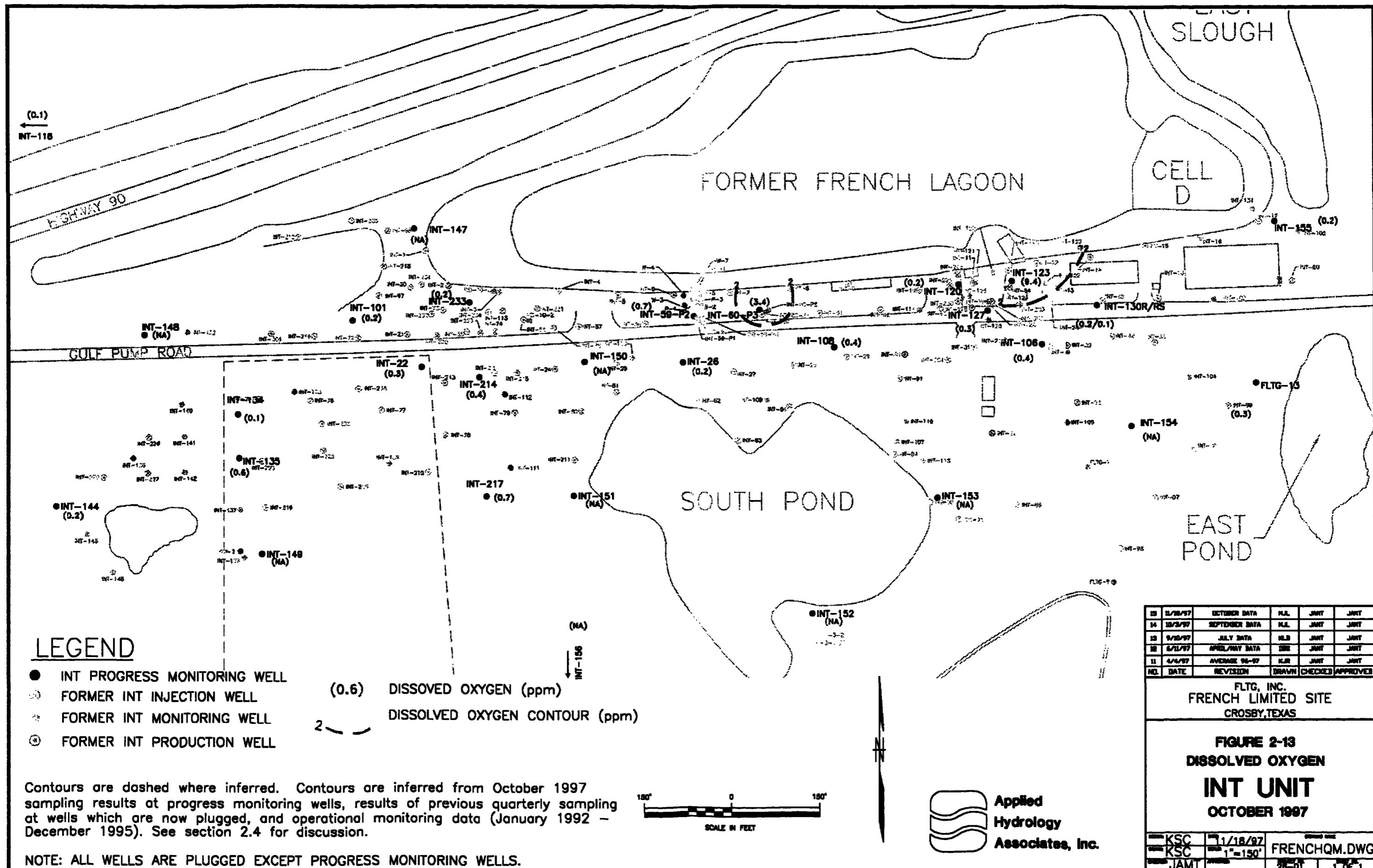
S1 UNIT
OCTOBER 1997

OCTOBER 1997

KSC 11/18/97 FRENCHQM.DWG
KSC AS SHOWN JAMT 22-01 1 OF 1







Contours are dashed where inferred. Contours are inferred from October 1997 sampling results at progress monitoring wells, results of previous quarterly sampling at wells which are now plugged, and operational monitoring data (January 1992 – December 1995). See section 2.4 for discussion.

NOTE: ALL WELLS ARE PLUGGED EXCEPT PROGRESS MONITORING WELLS.



**Applied
Hydrology
Associates, Inc.**

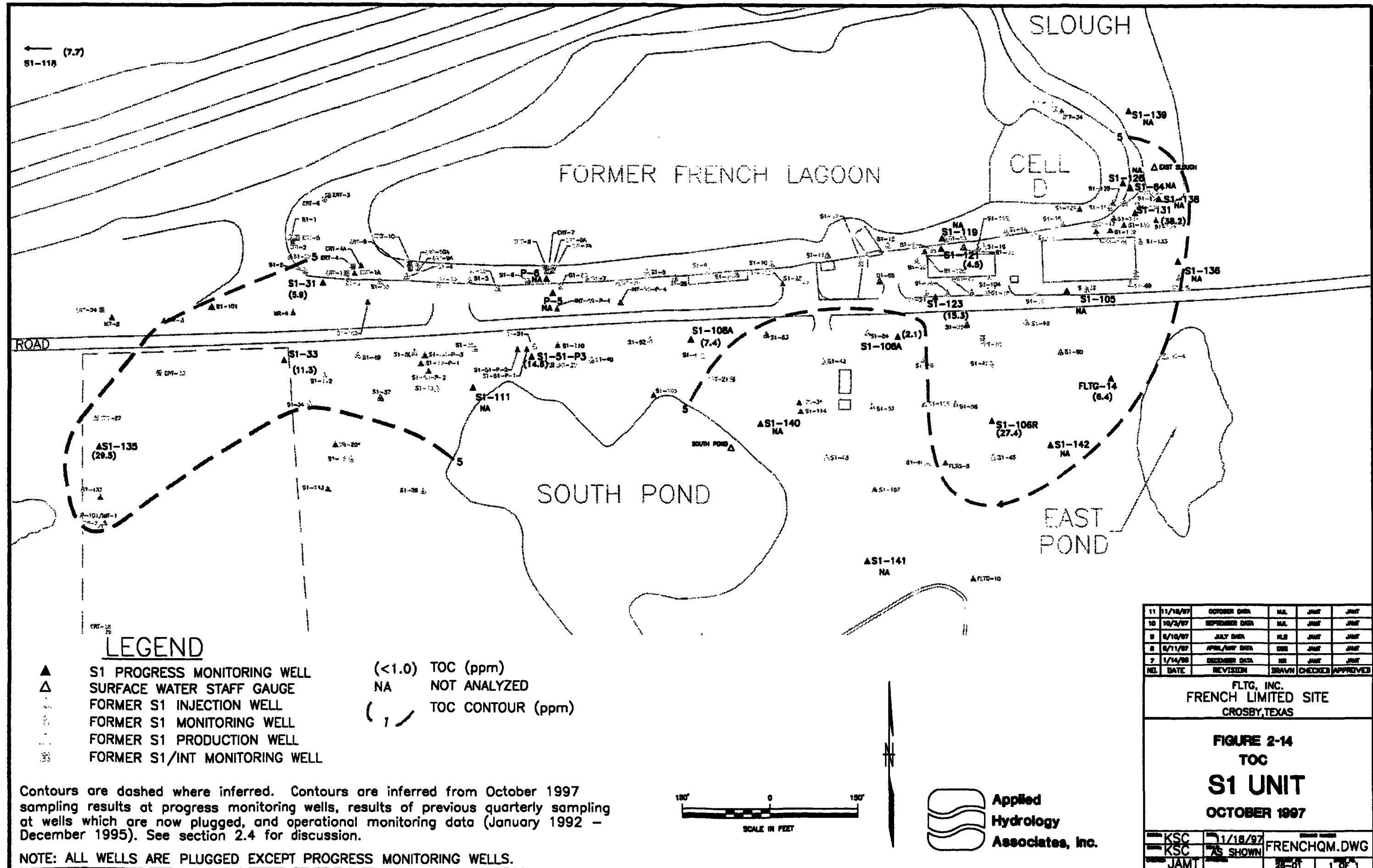
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14	10/23/97	SEPTEMBER DATA	N.L.	JANT	JANT
13	9/18/97	JULY DATA	N.L.	JANT	JANT
12	8/11/97	APRIL/MAY DATA	IRS	JANT	JANT
11	4/4/97	AVERAGE 96-97	N.L.	JANT	JANT
10	DATE	INCLUSION	REASON	CHANGES	AMENDMENT

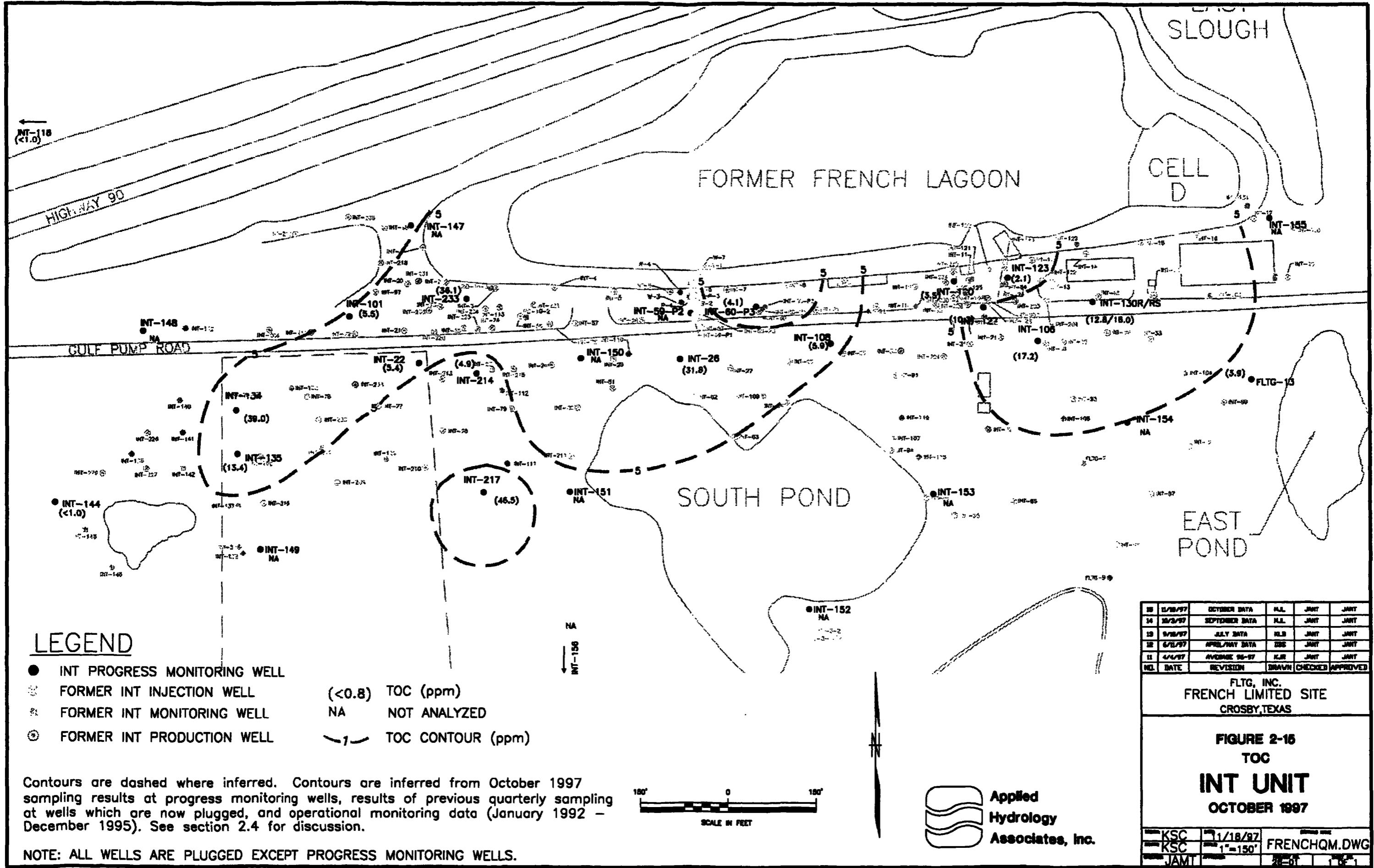
**FLTG. INC.
FRENCH LIMITED SITE
CROSBY TEXAS**

FIGURE 2-13
DISSOLVED OXYGEN

INT UNIT
OCTOBER 1987

KSC 1/18/97 FRENCHQHM.DWG
KSC 1-150' JAMT 1000 1000





Contours are dashed where inferred. Contours are inferred from October 1997 sampling results at progress monitoring wells, results of previous quarterly sampling at wells which are now plugged, and operational monitoring data (January 1992 – December 1995). See section 2.4 for discussion.

NOTE: ALL WELLS ARE PLUGGED EXCEPT PROGRESS MONITORING WELLS.



The logo for Applied Hydrology Associates, Inc. It features a stylized graphic on the left consisting of three horizontal wavy lines of increasing height from top to bottom, enclosed in a rounded rectangular frame. To the right of the graphic, the company name is written in a bold, black, sans-serif font, with each word on a new line.

13	11/18/97	OCTOBER DATA	N.L.	JANT	JANT
14	12/3/97	SEPTEMBER DATA	N.L.	JANT	JANT
15	9/18/97	JULY DATA	KLB	JANT	JANT
16	6/18/97	APRIL/MAY DATA	ZBS	JANT	JANT
17	4/4/97	AVERAGE 96-97	KLR	JANT	JANT
NO.	DATE	REVISION	DRAWN	CHECKED	APPROVED

FLTG, INC.
FRENCH LIMITED SITE
CROSBY, TEXAS

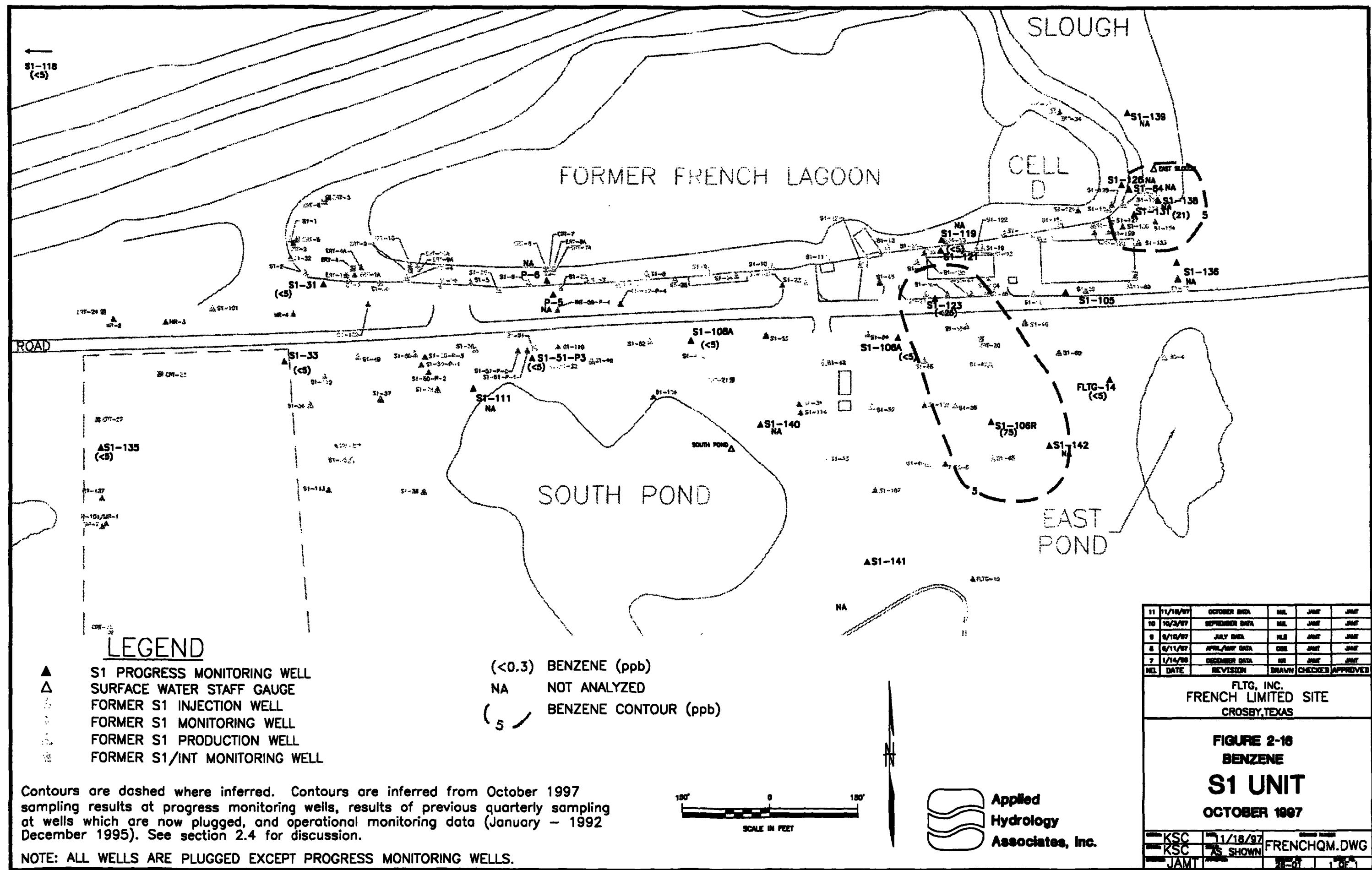
FIGURE 2-15

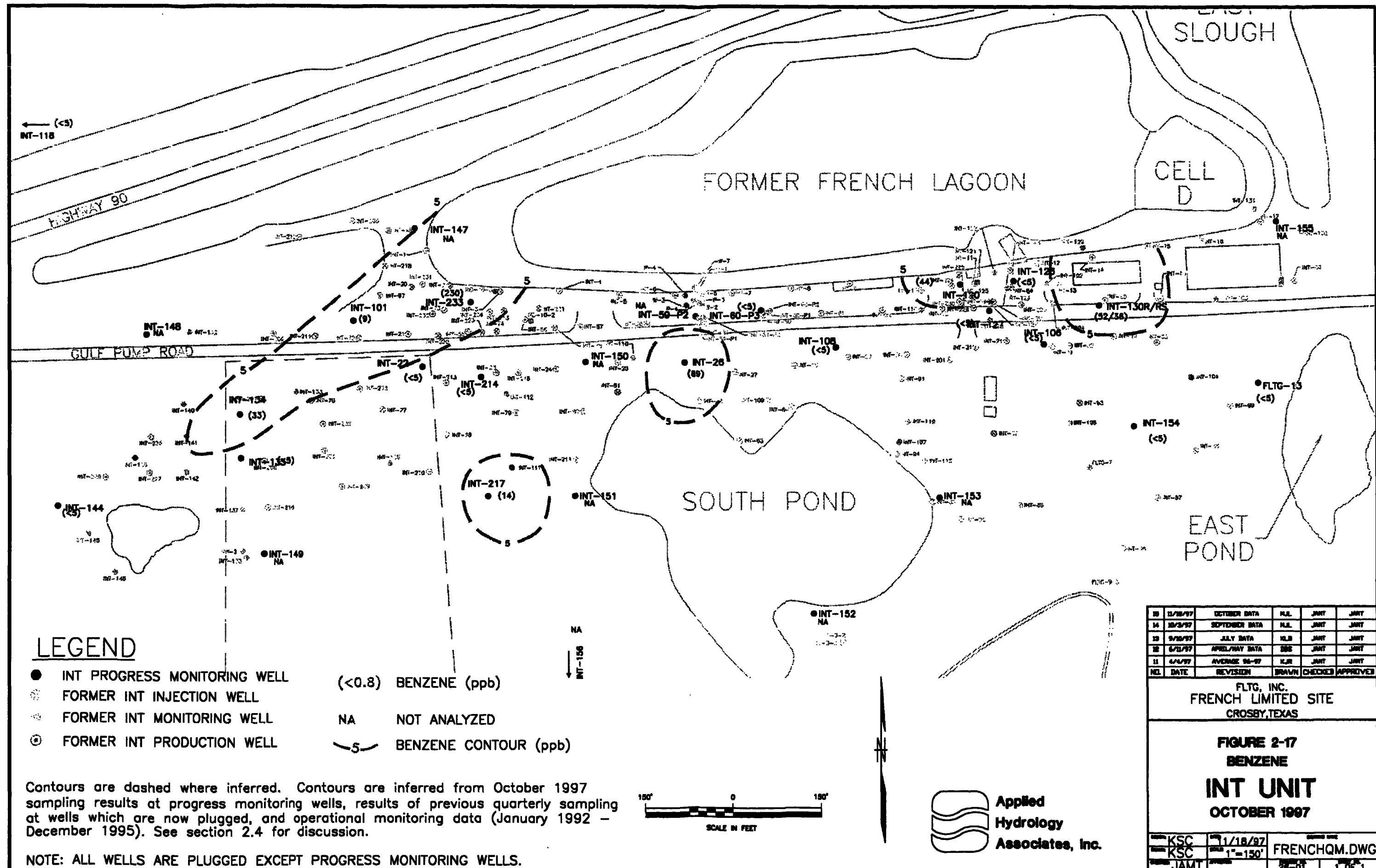
TOC

INT UNIT

OCTOBER 1997

KSC	11/18/97	DRAWN BY	
KSC	1"-150"	FRENCHQM.DWG	
JAM		24-01	1 OF 1





Contours are dashed where inferred. Contours are inferred from October 1997 sampling results at progress monitoring wells, results of previous quarterly sampling at wells which are now plugged, and operational monitoring data (January 1992 - December 1995). See section 2.4 for discussion.

NOTE: ALL WELLS ARE PLUGGED EXCEPT PROGRESS MONITORING WELLS.



**Applied
Hydrology
Associates, Inc.**

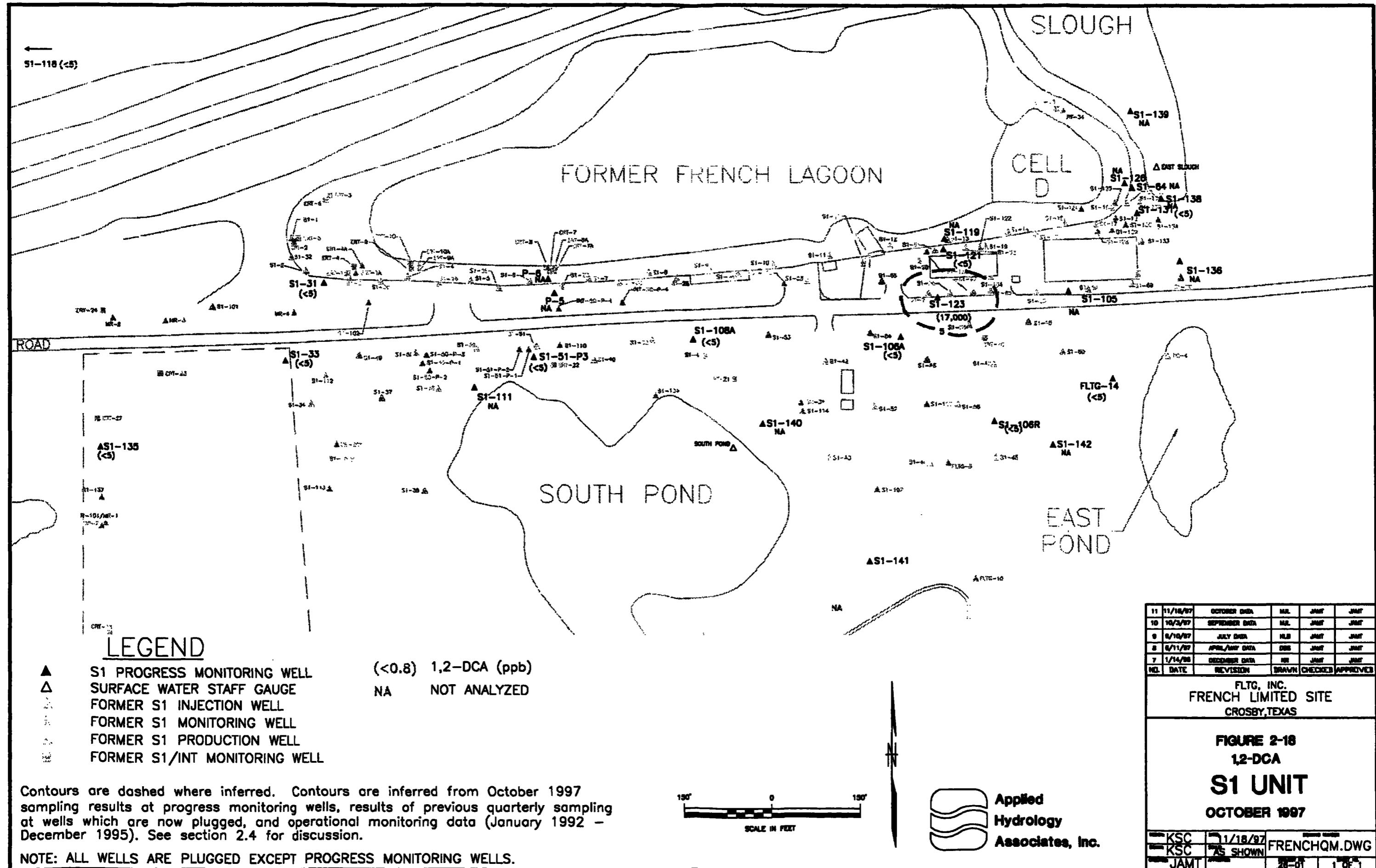
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14	10/23/97	SEPTEMBER DATA	K.L.	JANIT	JANIT
13	9/18/97	JULY DATA	K.L.	JANIT	JANIT
12	6/11/97	APRIL/MAY DATA	SBS	JANIT	JANIT
11	4/4/97	AVERAGE 94-97	K.L.	JANIT	JANIT

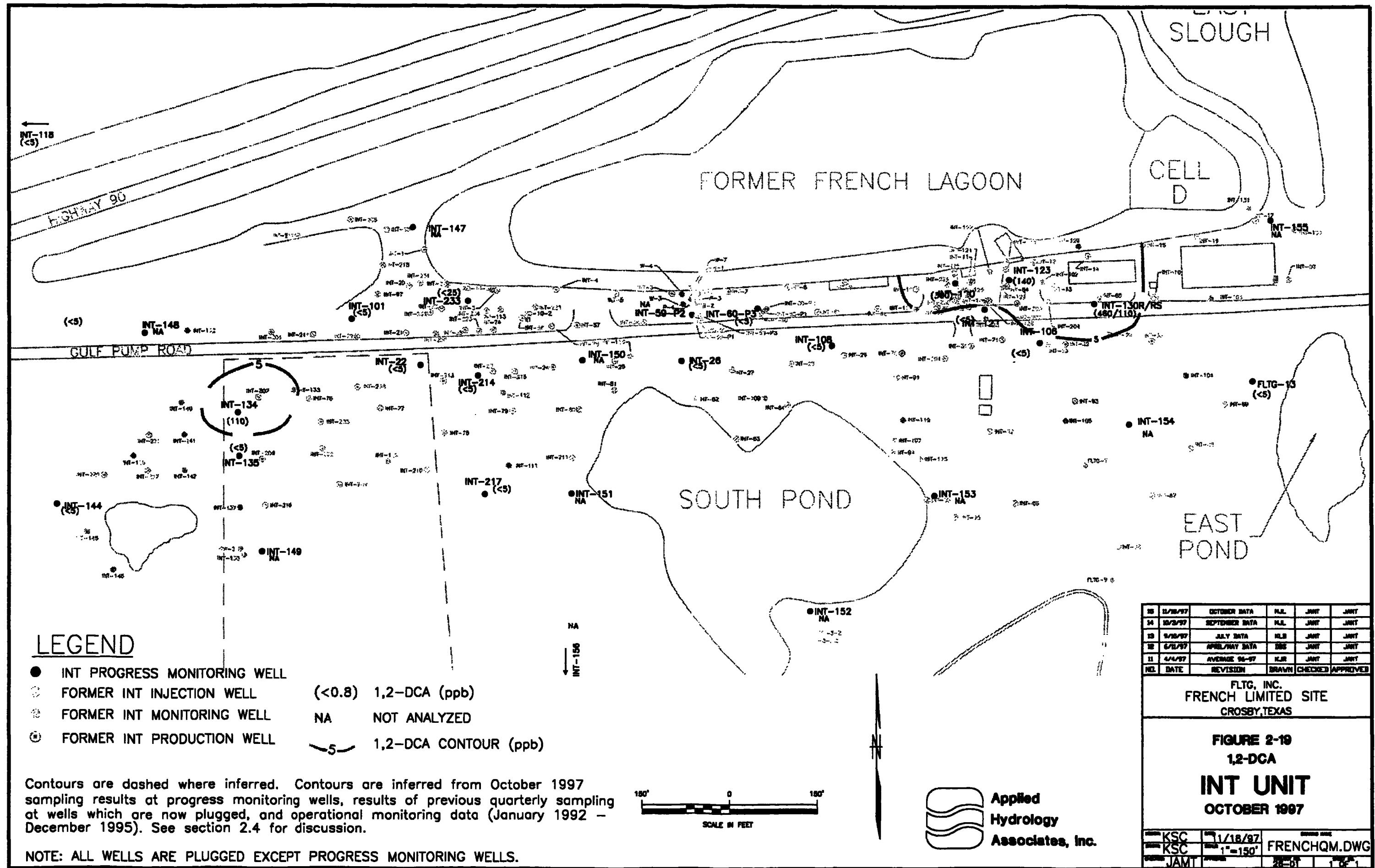
**FLTG. INC.
FRENCH LIMITED SITE
CROSSBY TEXAS**

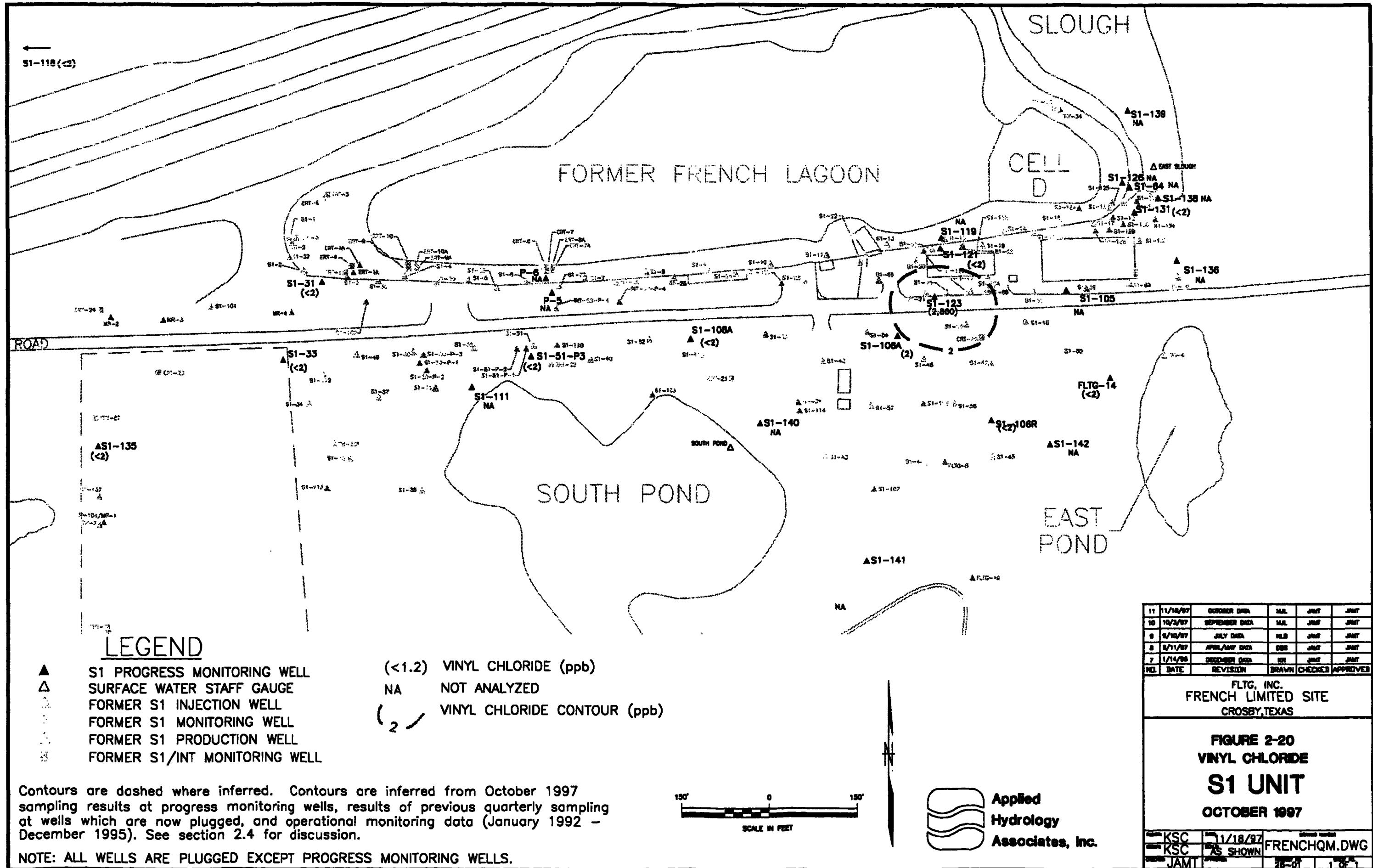
FIGURE 2-17
BENZENE

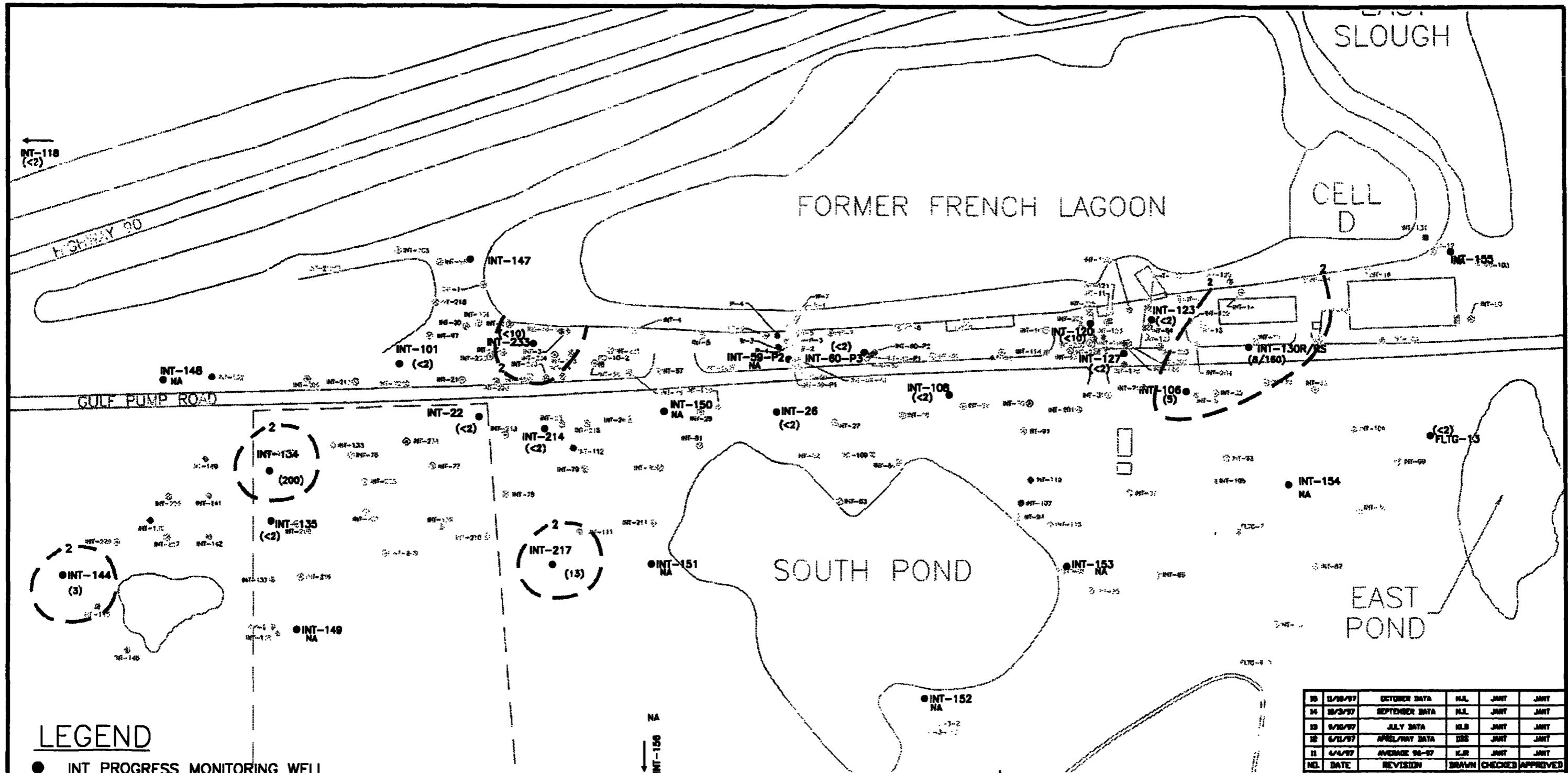
INT UNIT
OCTOBER 1997

KSC 11/18/97 FRENCHQM.DWG
KSC 1-150°
IAMI









LEGEND

- INT PROGRESS MONITORING WELL
FORMER INT INJECTION WELL (<1.2) VINYL CHLORIDE (ppb)
FORMER INT MONITORING WELL NA NOT ANALYZED
● FORMER INT PRODUCTION WELL 2 VINYL CHLORIDE CONTOUR (ppb)

Contours are dashed where inferred. Contours are inferred from October 1997 sampling results at progress monitoring wells, results of previous quarterly sampling at wells which are now plugged, and operational monitoring data (January 1992 – December 1995). See section 2.4 for discussion.

NOTE: ALL WELLS ARE PLUGGED EXCEPT PROGRESS MONITORING WELLS.



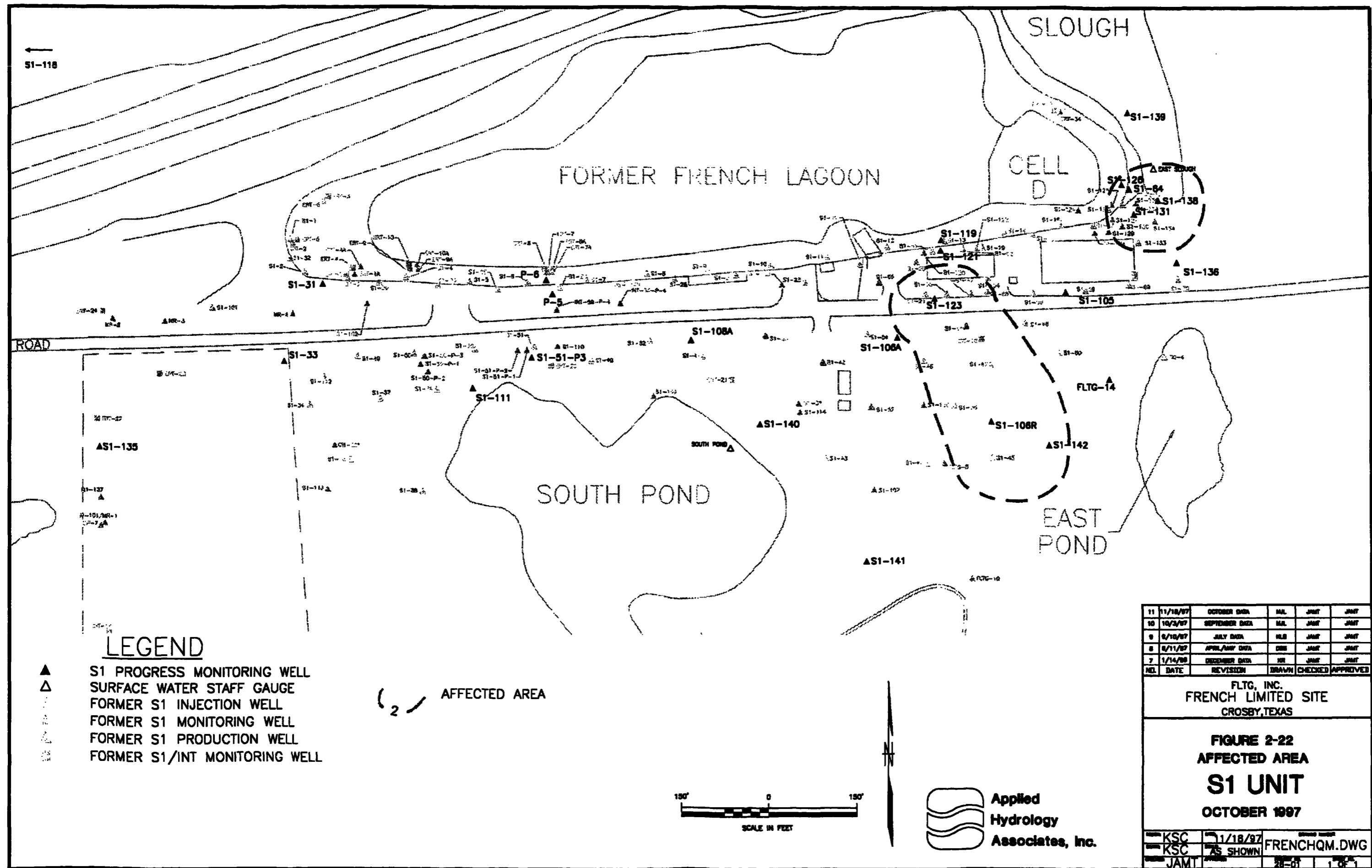
The logo for Applied Hydrology Associates, Inc. It features a stylized graphic on the left consisting of three horizontal, wavy, rounded bars of varying shades of blue. To the right of the graphic, the company name is written in a serif font, with "Applied" on the first line, "Hydrology" on the second line, and "Associates, Inc." on the third line.

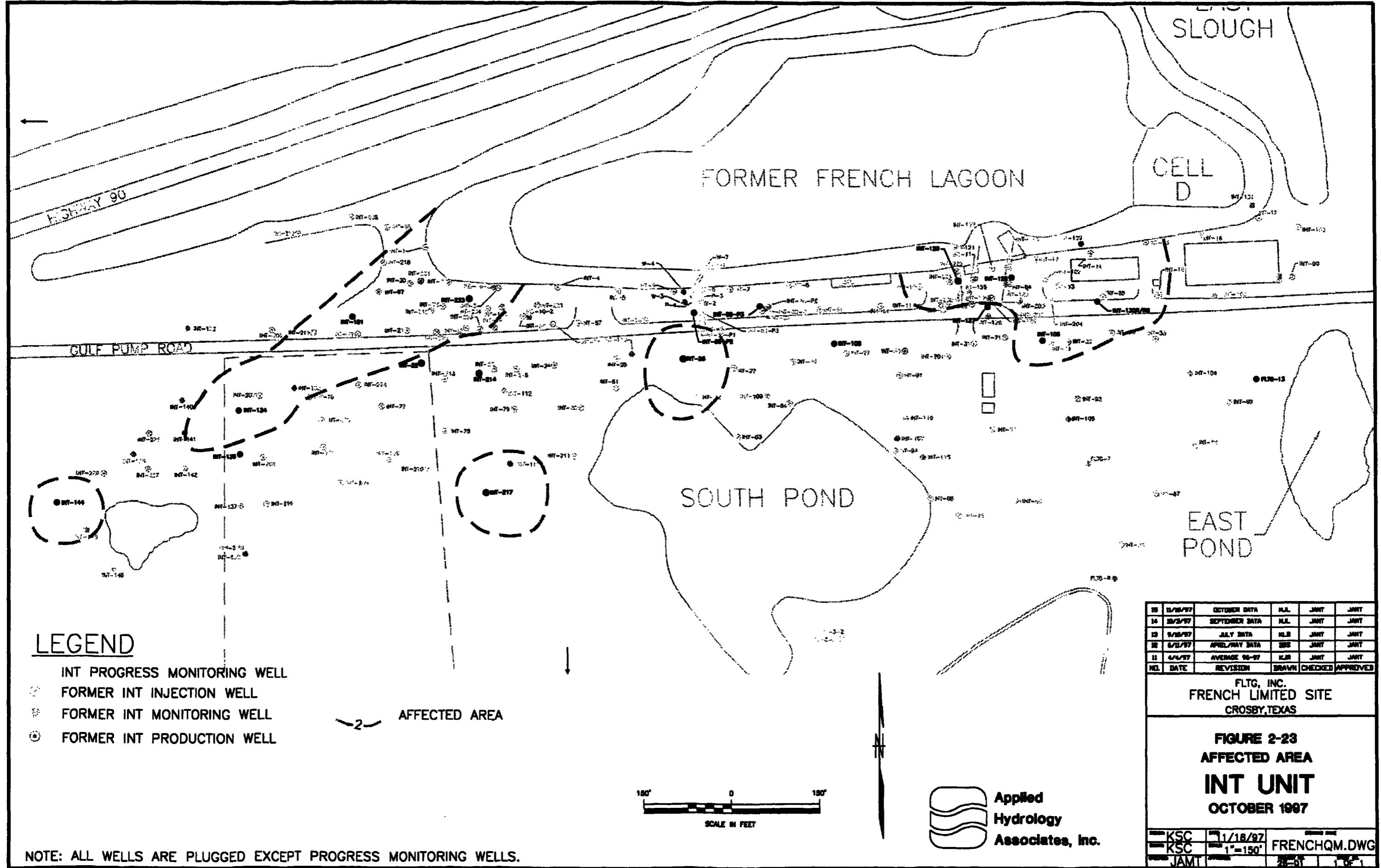
ID	11/18/97	OCTOBER DATA	N.L.	JANT	JANT
ID	10/3/97	SEPTEMBER DATA	N.L.	JANT	JANT
ID	9/10/97	JULY DATA	N.L.	JANT	JANT
ID	6/11/97	APRIL/MAY DATA	DES	JANT	JANT
ID	4/4/97	AVERAGE 96-97	KLR	JANT	JANT
ID	DATE	REVISION	DRAWN	CHECKED	APPROVED

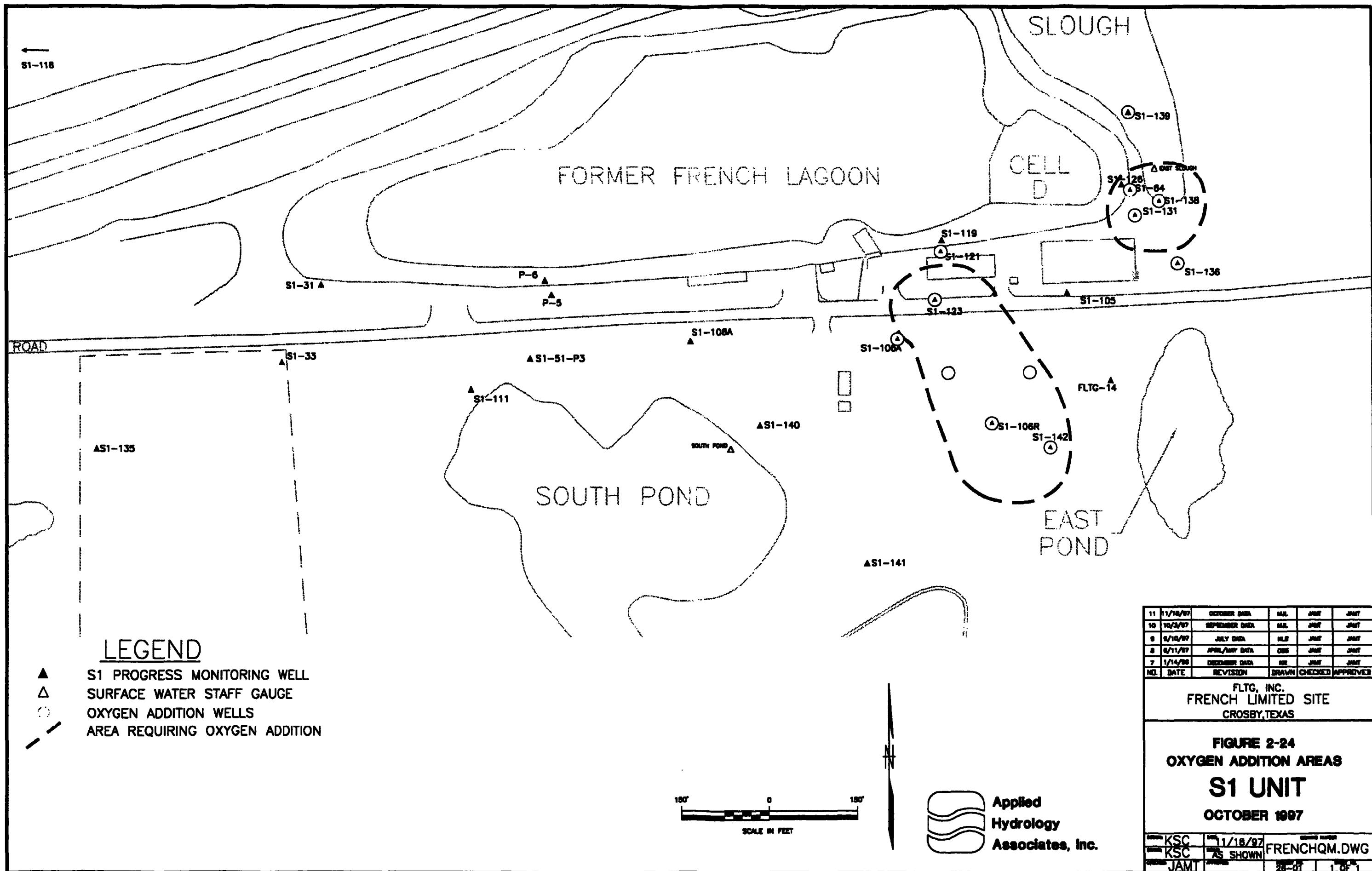
**FLTG. INC.
FRENCH LIMITED SITE
CROSBY TEXAS**

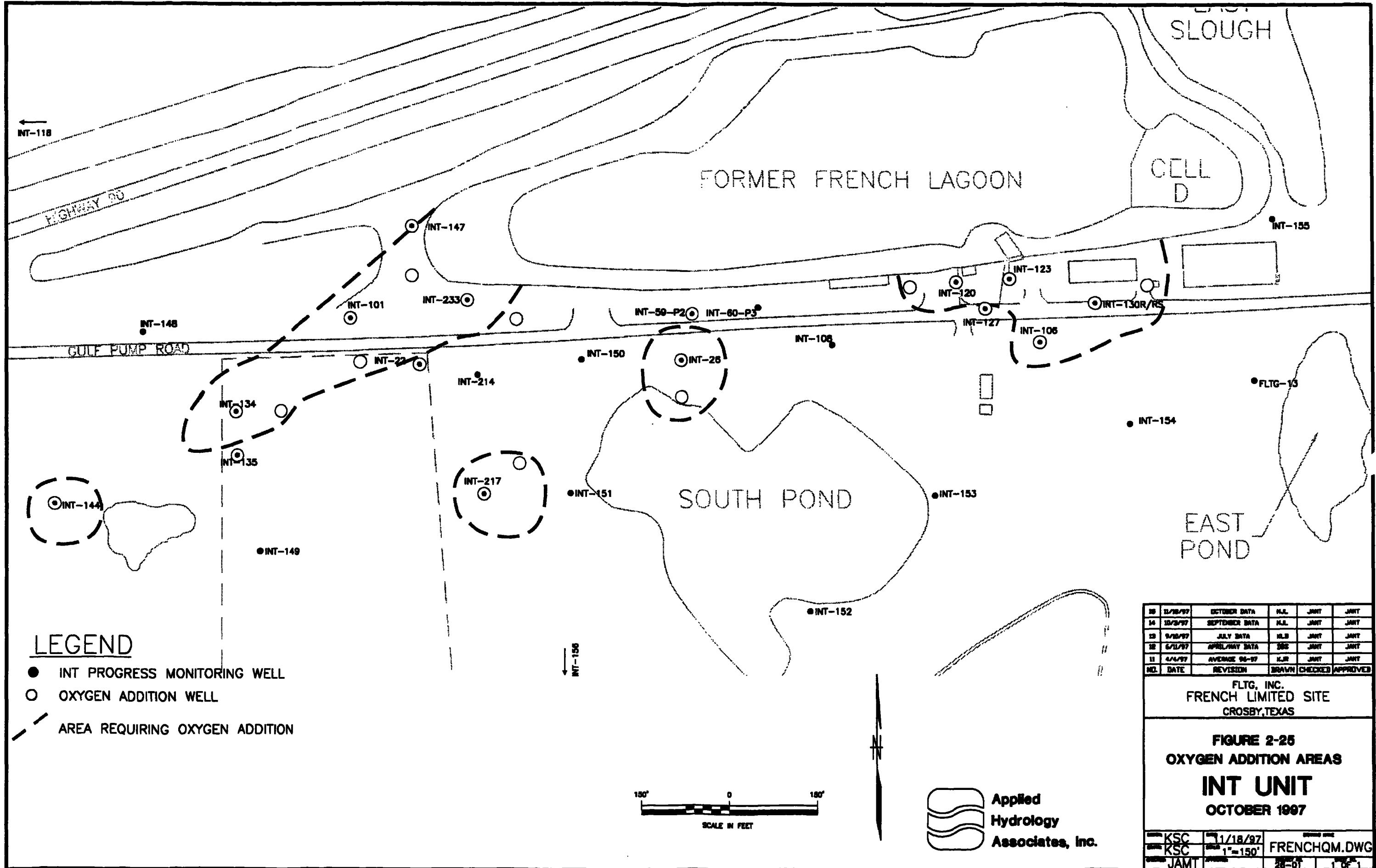
**FIGURE 2-21
VINYL CHLORIDE
INT UNIT
OCTOBER 1997**

KSC 1/18/97 FRENCHQM.DWG
KSC 1"-150"
JAMT 28-01 1 OF 1









The logo for Applied Hydrology Associates, Inc. It features a stylized graphic on the left consisting of three horizontal, wavy, rounded bars of decreasing height from top to bottom. To the right of the graphic, the company name is written in a bold, black, sans-serif font, with each word on a new line.

10	12/10/97	OCTOBER DATA	H.L.	JANT	JANT
14	12/23/97	SEPTEMBER DATA	H.L.	JANT	JANT
15	9/10/97	JULY DATA	H.L.B	JANT	JANT
18	6/11/97	APRIL/MAY DATA	KRS	JANT	JANT
11	4/4/97	AVERAGE 94-97	H.L.R	JANT	JANT
NOL	DATE	REVISION	BRAWN	CHECKED	APPROVED
FLTC, INC. FRENCH LIMITED SITE CROSBY, TEXAS					
FIGURE 2-25 OXYGEN ADDITION AREAS INT UNIT OCTOBER 1997					
KSC	1/18/97	DRAWING NO.			1 OF 1
KSC	1'-150'	FRENCHQM.DWG			
JAM		26-01			

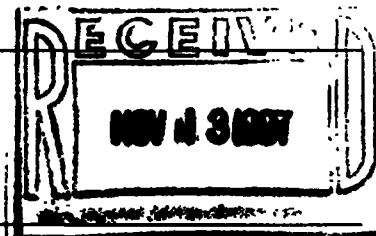
APPENDIX A

October 1997 groundwater sampling results and QA/QC summary



Remedial Operations Group, Inc.

TO : Dick Sloan
 FROM : Ron Jansen
 CC : Jim Thomson
 DATE : October 30, 1997
 RE : French Ltd. Project - Quarterly Groundwater Monitoring



Attached are the analytical results for the October, 1997 quarterly groundwater monitoring event.

Analytical QA/QC Summary

1.0 Sampling Summary

A total of 33 groundwater monitoring wells were sampled. Two wells were sampled in duplicate for field duplicate precision analysis(INT-101 and INT-127), and 2 monitoring wells were to be utilized for MS/MSD analytical precision and accuracy analysis (INT-233 and INT-022). The samples were collected on October 14th and 15th, 1997 and delivered to American Analytical under properly executed chain-of-custody. A sample collection summary is presented in Table 1. A description of the requested analyses are presented in Table 2.

Table 1
Sampling Summary

Sample #	Sample Name	Date Collected	Analyses Requested	Lab
01028	FLTG-013	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01029	FLTG-014	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01030	INT-022	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01031	INT-026	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01032	INT-101	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01033	INT-101 D	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01034	INT-108	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01035	INT-118	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01036	INT-134	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01037	INT-135	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01038	INT-144	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01039	INT-214	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01040	S1-033	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01041	S1-051-P-3	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01042	S1-108A	10/14/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01043	S1-111	10/14/97	As Cr Pb	AATS-BR
01044	S1-118	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01045	S1-135	10/14/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01046	INT-217	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01047	INT-059-P2	10/15/97	As Cr Pb	AATS-BR
01048	INT-060-P3	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01049	INT-106	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01050	INT-120	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01051	INT-123	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01052	INT-127	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01053	INT-127 D	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01054	INT-130R	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01055	INT-130RS	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01056	INT-233	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR
01057	S1-031	10/15/97	As Cr Pb VOASTCL K NH3N NO3N OP-P TOC	AATS-BR
01058	S1-106A	10/15/97	VOASTCL OP-P NH3N K NO3N TOC	AATS-BR



Table 1
Sampling Summary (continued)

Sample #	Sample Name	Date Collected	Analyses Requested	Lab
01059	S1-106R	10/15/97	VOA\$TCL OP-P NH3N K NO3N TOC	AATS-BR
01060	S1-123	10/15/97	VOA\$TCL OP-P NH3N K NO3N TOC	AATS-BR
01061	S1-131	10/15/97	VOA\$TCL OP-P NH3N K NO3N TOC	AATS-BR
01062	S1-121	10/31/97	VOA\$TCL OP-P NH3N K NO3N TOC	AATS-BR

D suffix on well name indicates field duplicate

AATS-BR: American Analytical and Technical Services, Baton Rouge, Louisiana

Table 2
Summary of Requested Analyses

Abbreviation	Analysis Description	Method
VOA\$TCL	Volatile Organics	SW846 - 8240
As	Arsenic	EPA 200.7 / SW 6010
Cr	Chromium	EPA 200.7 / SW 6010
Pb	Lead	EPA 200.7 / SW 6010
K	Potassium	EPA 200.7 / SW 6010
TOC	Total Organic Carbon	EPA 415.1
NH3N	Ammonia as N	EPA 350.3
NO3N	Nitrate as N	EPA 300.0
OP-P	Orthophosphate (P)	EPA 365.2

1.1 Analytical Data Validation

All analytical data was validated manually for these samples. Table 3 outlines the QC checks made on this data as applicable to the analytical method. All analytical data met QA/QC requirements with the exception of those listed in Table 4. Field duplicate precision summaries are presented in Attachment B.

TABLE 3
QA/QC Validation Check Summary

Validation Check
Holding Time - Method stated time between date sampled and date of extraction or analysis.
Method Sequence - Method stated sequence of analyses for instrument calibration and duration of sample analysis time after compliant calibration.
Surrogate Recovery - Surrogate compounds are added to the analysis procedure at a known concentration to verify method effectiveness. Surrogate recoveries are method specific ranges used to qualify analytical results.
Method Blank Cleanliness - Laboratory prepared sample to verify sampling and analytical procedures in a clean matrix
Laboratory Control Spike Recovery and Precision Check - Lab grade blank material spiked with analytes of interest. To verify analytical accuracy in a clean matrix.
Field Duplicate Precision - Checks precision (reproducibility) of sampling techniques and analytical procedures.
MS/MSD Recovery & Precision Data - Checks sampling, preparation and analysis accuracy and precision



Table 4
QC Exception Summary

Problem	Comment
Field duplicate precision was outside control limits on sample INT-101 in the nitrate analysis.	The detected concentration of nitrate was at or marginally above the detection limit of 0.2 ppm. This QC exception does not affect data quality.
Project required detection limits were exceeded on sample INT-120. Vinyl chloride reported DL is 10 ppb.	The lab should have run one undiluted analysis to achieve a DL of "<2". The lab was instructed by memo (prior to sampling) what the required DLs should be.
Project required detection limits were exceeded on sample INT-233. Vinyl chloride reported DL is 10 ppb.	The lab should have run one undiluted analysis to achieve a DL of "<2". The lab was instructed by memo (prior to sampling) what the required DLs should be.
Project required detection limits were exceeded on sample INT-233. 1,2-Dichloroethane reported DL is 25 ppb.	The lab should have run one undiluted analysis to achieve a DL of "<5". The lab was instructed by memo (prior to sampling) what the required DLs should be.
Project required detection limits were exceeded on sample S1-123. Benzene reported DL is 25 ppb.	The lab should have run one undiluted analysis to achieve a DL of "<5". The lab was instructed by memo (prior to sampling) what the required DLs should be.
Surrogate recoveries for INT-130R were outside QC limits (low) for SU3(1,2DCA-d4).	The surrogate was within QC limits on the subsequent diluted analysis. This sample had relatively high concentrations of target analytes.
Surrogate recoveries for S-123 were outside QC limits (high) for SU3(1,2DCA-d4).	The surrogate was within QC limits on the subsequent diluted analysis. This sample had relatively high concentrations of target analytes.
S1-123 duplicate analysis RPDs were outside QC limits.	The concentrations of volatile organics for this well have varied drastically over the last eight sampling events (1,2-DCA:<5 to 19000 ppb; VC: 2 to 2800 ppb). This well was sampled in duplicate on this sampling event to confirm the analytical results. See Attachment B for the resultant RPD calculations.

1.2 Submissions

All samples were analyzed using appropriate methods and analysis sequences for the requested parameters. The only QC issue that requires corrective action response is the reporting of analytical detection limits above the project required detection limits. All samples met project QC criteria except for those listed in Table 4. The QC issues presented in Section 1.1 do not adversely affect the data for its intended use.

Analytical data summaries are presented in Attachment A for all samples.



1.3 Data Evaluation

All analytical data was summarized and submitted to project consultants and management for review. All analytical data reports submitted by the laboratory were examined for completeness and validated prior to entering the data into the project database. Complete analytical packages from the lab are available for review. Please note the analytical result issues presented in Table 5:

Table 5
Analytical Result Issues

Well	Comment
INT-120	1,2-DCA and Benzene concentrations increased significantly relative to the previous 6 quarters sampling events.
INT-144	Vinyl chloride concentration increased from BDL to just above the detection limit.
S1-123	Vinyl chloride and 1,2-DCA increased relative to the last 4 quarters sampling events. The concentration of these two compounds seem to fluctuate drastically. This well was sampled in duplicate in this sample event to confirm analytical concentrations. Attachment B presents the RPD calculations for these duplicate samples (the samples were collected 2 weeks apart).



Attachment A
French Ltd. Project
Analytical Summaries
Groundwater Monitoring - October, 1997

GROUNDWATER PROGRESS MONITORING

FLTG-013

French Limited Project

FLTG, Inc.

	Date Collected	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/14/97	
	Criteria	Units								
FLD										
DEPTH TO WATER		Ft				2.37	1.99	1.61	2.86	4.03
DISSOLVED OXYGEN	PPM	1.8	1.8	0.1	1.	0.3	0.4	0.2	0.3	
FIELD PH	pH un	7.4	7.44	7.01	6.9	6.61	6.73	6.75	7.02	
GALLONS REMOVED	gals					1.5	2.	3.	1.75	
SPECIFIC CONDUCTIVITY	umhos	300.	350.	345.	600.	490.	400.	400.	500.	
TEMPERATURE	Deg C	21.	21.	22.	23.	20.	20.	23.	22.8	
MET										
ARSENIC	50	ug/L								
CHROMIUM	100	ug/L								
LEAD	15	ug/L								
MISC										
TOTAL ORGANIC CARBON	mg/L	< 5.	4.4	< 1.	3.4	5.8	4.8	4.6	3.9	
NUT										
AMMONIA-N	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.11	
NITRATE-N	mg/L	0.41	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.08	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	
POTASSIUM	mg/L	1.13	1.06	1.1	1.12	0.94	0.89	0.94	1.2	
VOA										
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.	
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.	
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	J 2.	< 5.	< 5.	
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.	
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	3.	< 2.	< 2.	

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

FLTG-014

French Limousin Project

FLTG, Inc.

	Date Collected :	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			1.74	1.63	1.31	2.36	3.76
DISSOLVED OXYGEN	PPM	1.4	1.7	0.1	1.4	0.15	0.4	0.2	0.4
FIELD PH	pH un	7.15	7.03	6.97	6.61	6.81	6.76	6.53	6.88
GALLONS REMOVED	gals					1.25	1.75	3.	1.5
SPECIFIC CONDUCTIVITY	umhos	220.	300.	390.	1100.	419.	350.	600.	450.
TEMPERATURE	Deg C	19.	22.	22.	24.	18.	20.	26.	23.7
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	5.9	< 1.	5.6	7.8	6.4	7.5	6.4
NUT									
AMMONIA-N	mg/L	0.5	0.7	0.87	0.6	0.7	0.6	1.11	1.43
NITRATE-N	mg/L	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.37	< 0.1	0.1	< 0.1	< 0.1	0.1
POTASSIUM	mg/L	1.3	1.61	1.8	1.81	1.65	1.59	2.31	1.9
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	7.	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	3.	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-022

French Limited Project

FLTG, Inc.

	Date Collected :	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			5.29	4.88	4.12	4.68	4.91
DISSOLVED OXYGEN		PPM	1.8	1.6	0.2	0.8	0.2	0.2	0.3
FIELD PH		pH un	6.88	6.9	7.21	7.01	6.81	6.91	6.79
GALLONS REMOVED		gals				1.75	2.5	3.	5.25
SPECIFIC CONDUCTIVITY		umhos	550.	600.	650.	875.	775.	650.	650.
TEMPERATURE		Deg C	23.	21.	22.	23.	21.	21.	22.4
MET									
ARSENIC	50	ug/L	21.						
CHROMIUM	100	ug/L	< 10.						
LEAD	15	ug/L	< 5.						
MISC									
TOTAL ORGANIC CARBON		mg/L	< 0.4	4.2	< 1.	4.1	6.5	4.2	4.6
NUT									
AMMONIA-N		mg/L	0.8	0.4	0.13	0.3	0.2	0.3	0.4
NITRATE-N		mg/L	2.	0.24	0.07	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	2.6	< 0.1	0.08	< 0.1	< 0.1	< 0.1	< 0.2
POTASSIUM		mg/L	31.7	33.1	39.	28.8	27.9	27.2	24.1
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	44.	< 0.3	< 0.3	4.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	3.	< 0.5	< 0.5	3.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	26.	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-026

French Limited Project

FLTG, Inc.

	Date Collected :	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.68	2.56	2.68	3.15	2.67
DISSOLVED OXYGEN	PPM	2.5	1.2	0.1	0.7	0.2	0.1	0.1	0.2
FIELD PH	pH un	6.37	6.95	7.	6.95	7.22	6.97	6.69	6.52
GALLONS REMOVED	gals					1.5	2.5	2.5	2.25
SPECIFIC CONDUCTIVITY	umhos	800.	550.	900.	1000.	810.	500.	800.	510.
TEMPERATURE	Deg C	22.	21.	24.	23.5	20.5	20.	22.	22.4
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	47.3	27.6	34.1	27.5	22.	17.6	31.8
NUT									
AMMONIA-N	mg/L	1.2	1.6	2.	1.5	0.6	1.4	1.2	1.86
NITRATE-N	mg/L	4.	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	586.	37.4	35.	36.3	9.4	6.9	7.1	5.8
POTASSIUM	mg/L	926.	82.4	78.	43.7	18.7	15.9	11.3	7.8
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	180.	98.	100.	75.	24.	38.	89.
TOLUENE	1000	ug/L	7.	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-059-P-2

French Limited Project
FLTG, Inc.

	Date Collected :	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			6.78	5.38	5.35	5.82	5.36
DISSOLVED OXYGEN		PPM	0.7	1.3	6.61	0.8	0.1	0.2	0.2
FIELD PH		pH un	6.95	7.03	6.86	6.66	6.73	6.88	6.74
GALLONS REMOVED		gals				1.	2.	2.5	1.75
SPECIFIC CONDUCTIVITY		umhos	230.	300.	390.	975.	490.	300.	280.
TEMPERATURE		Deg C	23.	21.	24.	25.	21.	21.	23.9
MET									
ARSENIC	50	ug/L	68.	50.	32.	41.	46.	43.	45.
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	< 5.						
NUT									
AMMONIA-N		mg/L							
NITRATE-N		mg/L							
ORTHOPHOSPHATE-P		mg/L							
POTASSIUM		mg/L			2.6				
VOA									
1,2-DICHLOROETHANE	5	ug/L				< 5.			
ACETONE	3500	ug/L				< 10.			
BENZENE	5	ug/L				J 3.			
TOLUENE	1000	ug/L				< 5.			
VINYL CHLORIDE	2	ug/L				< 2.			

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-060-P-3

French Limited Project

FLTG, Inc.

	Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/15/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft				6.06	4.99	5.07	5.82	5.21
DISSOLVED OXYGEN	PPM	15.	15.	15.	13.	9.7	9.8	15.	3.4
FIELD PH	pH un	6.77	7.02	7.14	7.06	7.17	7.11	7.42	7.23
GALLONS REMOVED	gals					2.5	1.5	2.	1.5
SPECIFIC CONDUCTIVITY	umhos	500.	850.	1380.	1425.	1150.	900.	1280.	610.
TEMPERATURE	Deg C	22.	21.	24.	24.5	21.	21.	23.	23.8
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	2.2	< 1.	1.4	4.	3.3	1.6	4.1
NUT									
AMMONIA-N	mg/L	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
NITRATE-N	mg/L	41.6	112.	100.	91.	74.4	50.5	91.2	32.7
ORTHOPHOSPHATE-P	mg/L	0.2	< 0.1	0.06	< 0.1	< 0.1	< 0.1	5.1	< 0.1
POTASSIUM	mg/L	37.9	118.	120.	124.	85.6	59.	95.5	46.8
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	25.	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	11.	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-101

French Limited Project

FLTG, Inc.

	Date Collected :	1/22/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/16/97	10/14/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft				5.48	4.99	4.41	4.95	5.27
DISSOLVED OXYGEN	PPM	1.	1.4	0.03	0.9	0.4	0.5	0.1	0.2
FIELD PH	pH un	6.97	6.79	6.75	6.99	7.48	7.58	6.82	7.18
GALLONS REMOVED	gals					1.5	2.5	3.	3.25
SPECIFIC CONDUCTIVITY	umhos	500.	470.	600.	650.	700.	400.	400.	420.
TEMPERATURE	Deg C	23.	21.	22.	23.	21.		22.	22.6
MET									
ARSENIC	50 ug/L	96.	60.	60.	65.	36.	36.	48.	39.
CHROMIUM	100 ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15 ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	29.4	8.8	12.5	7.4	4.2	5.8	5.5
NUT									
AMMONIA-N	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
NITRATE-N	mg/L	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	0.3
ORTHOPHOSPHATE-P	mg/L	< 0.1	0.48	0.64	0.2	0.2	0.2	0.3	0.2
POTASSIUM	mg/L	0.69	0.66	0.63	0.61	0.53	0.94	0.62	0.68
VOA									
1,2-DICHLOROETHANE	5 ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.	< 5.
ACETONE	3500 ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.	< 10.
BENZENE	5 ug/L	120.	36.	36.	33.	9.	< 5.	11.	9.
TOLUENE	1000 ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2 ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-106

French Limited Project

FLTG, Inc.

	Date Collected :	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/16/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			2.82	1.63	0.39	2.91	3.04
DISSOLVED OXYGEN	PPM	0.4	1.4	0.1	0.6	0.2	0.2	0.2	0.4
FIELD PH	pH un	6.93	7.1	7.16	7.35	6.97	6.99	7.4	6.9
GALLONS REMOVED	gals				1.5	2.	2.5	2.5	
SPECIFIC CONDUCTIVITY	umhos	550.	600.	900.	1050.	1050.	650.	1250.	670.
TEMPERATURE	Deg C	23.	21.	22.	24.	21.	21.	23.	22.7
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 1.2	22.2	10.7	23.6	27.1	11.9	5.6	17.2
NUT									
AMMONIA-N	mg/L	< 0.1	< 0.1	0.11	0.1	< 0.1	< 0.1	< 0.1	0.23
NITRATE-N	mg/L	3.	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.09	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1
POTASSIUM	mg/L	2.66	2.51	2.4	1.71	1.9	2.48	2.	2.
VOA									
1,2-DICHLOROETHANE	5	ug/L	22.	63.	54.	30.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	6.	4.	10.	5.	< 5.	J 3.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	5.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-108

French Limited Project

FLTG, Inc.

	Date Collected :	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/14/97
Criteria	Units								
FLD									
DEPTH TO WATER	Ft				4.91	3.59	3.83	4.57	4.16
DISSOLVED OXYGEN	PPM	0.6	1.5	0.1	0.7	0.2	0.4	0.2	0.4
FIELD PH	pH un	6.8	7.19	6.99	6.66	6.78	6.85	6.96	6.64
GALLONS REMOVED	gals					1.	1.75	2.	2.75
SPECIFIC CONDUCTIVITY	umhos	390.	450.	750.	800.	700.	600.	680.	650.
TEMPERATURE	Deg C	23.	21.	26.	24.5	20.	21.	24.	23.9
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 0.4		5.5	< 1.	4.8	8.1	4.9	5.3
NUT									
AMMONIA-N	mg/L	0.2	< 0.1	0.38	0.6	0.9	< 0.1	0.46	0.88
NITRATE-N	mg/L	4.	1.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	0.82	0.9	1.1	1.9	2.3	1.3	2.1	2.3
POTASSIUM	mg/L	41.4	39.3	43.	35.4	34.	35.5	33.2	39.4
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-118

French Limited Project

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			10.	10.12	8.6	9.26	9.96
DISSOLVED OXYGEN		PPM	1.1	4.6	5.4	1.2	0.2	4.6	0.2
FIELD PH		pH un	8.25	8.6	9.76	8.56	8.28	10.48	9.44
GALLONS REMOVED		gals					1.25	2.	2.5
SPECIFIC CONDUCTIVITY		umhos	245.	400.	300.	400.	310.	480.	200.
TEMPERATURE		Deg C	24.	22.	24.	25.	23.	23.	24.
MET									
ARSENIC	50	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	5.	< 2.	< 1.	1.4	2.7	1.1	1.2
NUT									
AMMONIA-N		mg/L	< 0.1	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1
NITRATE-N		mg/L	0.2	371.	0.39	< 0.2	< 0.2	0.8	0.3
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.1	0.03	< 0.1	< 0.1	< 0.1	0.1
POTASSIUM		mg/L	1.17	3.48	4.3	1.54	0.94	6.96	4.76
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	2.	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-120

French Limited Project

FLTG, Inc.

	Date Collected :	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/16/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			8.84	7.45	7.75	8.57	8.41
DISSOLVED OXYGEN	PPM	15.	1.6	0.12	1.1	0.2	0.3	0.1	0.2
FIELD PH	pH un	7.18	7.05	7.86	7.52	7.59	7.25	8.32	7.49
GALLONS REMOVED	gals				1.5	2.	3.	2.	
SPECIFIC CONDUCTIVITY	umhos	900.	750.	1350.	1350.	1300.	1050.	1050.	1150.
TEMPERATURE	Deg C	24.	22.	23.	25.	21.	22.	24.	25.2
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	150.	4.4	< 1.	2.6	4.	3.1	4.4	3.5
NUT									
AMMONIA-N	mg/L	0.94	0.9	0.25	0.4	0.3	0.5	0.18	0.54
NITRATE-N	mg/L	36.1	23.3	66.	21.1	47.4	31.	38.4	33.1
ORTHOPHOSPHATE-P	mg/L	470.	21.6	10.	4.1	3.5	3.8	2.2	2.2
POTASSIUM	mg/L	834.	122.	130.	107.	83.6	65.6	88.5	73.5
VOA									
1,2-DICHLOROETHANE	5	ug/L	8400.	21.	87.	34.	27.	34.	16.
ACETONE	3500	ug/L	< 300.	< 15.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 15.	5.	3.	5.	J 4.	13.	J 4.
TOLUENE	1000	ug/L	< 25.	< 1.25	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	260.	< 3.	10.	< 10.	3.	2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING
INT-123

French Limited Project
FLTG, Inc.

	Date Collected :	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	4/16/97	7/16/97	10/15/97
FLD											
DEPTH TO WATER	Ft										
DISSOLVED OXYGEN	PPM	15.	6.4	0.79	2.	4.6	8.6	15.	9.4	9.4	
FIELD PH	pH un	8.63	8.2	9.66	9.61	10.67	10.61	9.96	7.38	7.38	
GALLONS REMOVED	gals							1.5	8.	2.5	2.25
SPECIFIC CONDUCTIVITY	umhos	500.	500.	800.	900.	925.	700.	650.	710.	710.	
TEMPERATURE	Deg C	24.	22.	23.	25.	23.	22.	24.	25.	25.	
MET											
ARSENIC	ug/L	50	ug/L								
CHROMIUM	ug/L	100	ug/L								
LEAD	ug/L	15	ug/L								
MISC											
TOTAL ORGANIC CARBON	mg/L	< 3.		4.2	< 1.	4.2	4.3	4.	2.5	2.1	
NUT											
AMMONIA-N	mg/L	< 0.1		< 0.1		0.1	0.1	0.2	< 0.1	0.12	
NITRATE-N	mg/L	25.6		23.2	21.	20.1	23.3	19.2	27.3	27.3	
ORTHOPHOSPHATE-P	mg/L	0.74		0.37	0.27	0.2	0.2	< 0.1	0.3	0.1	
POTASSIUM	mg/L	73.6		58.9	62.	53.3	54.3	51.5	60.	69.	
VOA											
1,2-DICHLOROETHANE	ug/L	5	ug/L	120.	210.	270.	300.	280.	150.	110.	140.
ACETONE	ug/L	3500	ug/L	20.	< 12.	< 6.	< 10.	< 20.	< 10.	< 10.	< 10.
BENZENE	ug/L	5	ug/L	< 0.3	< 0.6	2.	5.	28.	< 5.	< 5.	< 5.
TOLUENE	ug/L	1000	ug/L	< 0.5	< 1.	< 0.5	< 5.	J 7.	< 5.	< 5.	< 5.
VINYL CHLORIDE	ug/L	2	ug/L	15.	< 2.4	3.	< 10.	16.	4.	5.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

French Limited Project
FLTG, Inc.

INT-127 ~~✓~~ *Not much "hot benzene down Niegley"*

Date Collected : 1/22/96 4/12/96 7/22/96 10/7/96

1/24/97 4/16/97 7/16/97 10/15/97

Criteria	Units	FLD	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/15/97
DEPTH TO WATER	Ft				2.39	1.	1.15	2.25
DISSOLVED OXYGEN	PPM	2.	0.8	0.1	0.7	0.2	0.1	0.3
FIELD PH	pH un	6.31	6.73	6.68	6.31	6.73	6.81	7.92
GALLONS REMOVED	gals					1.5	2.	3.25
SPECIFIC CONDUCTIVITY	umhos	750.	850.	1650.	1750.	1710.	1200.	1250.
TEMPERATURE	Deg C	24.	22.	23.	26.	22.	22.	26.
MET								
ARSENIC	ug/L	50						
CHROMIUM	ug/L	100						
LEAD	ug/L	15						
MISC								
TOTAL ORGANIC CARBON	mg/L	77.7	70.	44.	78.3	76.6	54.3	50.1
NUT								
AMMONIA-N	mg/L	0.1	0.7	0.85	0.6	0.4	0.5	0.72
NITRATE-N	mg/L	4.	47.9	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.03	< 0.1	< 0.1	< 0.1	< 0.1
POTASSIUM	mg/L	6.01	10.9	14.	9.17	11.	12.9	16.1
VOA								
1,2-DICHLOROETHANE	ug/L	5	< 0.8	< 8.	< 5.	< 10.	< 5.	< 5.
ACETONE	ug/L	3500	120.	< 6.	< 60.	< 20.	< 10.	< 10.
BENZENE	ug/L	5	150.	160.	170.	200.	180.	65.
TOLUENE	ug/L	1000	37.	34.	43.	50.	44.	13.
VINYL CHLORIDE	ug/L	2	< 1.2	< 1.2	< 12.	< 10.	< 4.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS/MONITORING
INT-130R *sample collected*

French Limited Project

FLTG, Inc.

Date Collected :	12/21/94	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/15/97
Criteria	Units							
FLD								
DEPTH TO WATER	ft							
DISSOLVED OXYGEN	PPM	1.7	1.4	2.1	0.3	0.2	0.1	0.2
FIELD PH	pH un	7.43	7.47	7.21	7.55	7.6	7.36	7.44
GALLONS REMOVED	gals							
SPECIFIC CONDUCTIVITY	umhos	850.	900.	925.	975.	800.	750.	780.
TEMPERATURE	Deg C	26.	23.	25.	22.	22.	24.	25.3
MET								
ARSENIC	ug/L	50	ug/L					
CHROMIUM	ug/L	100	ug/L					
LEAD	ug/L	15	ug/L					
MISC								
TOTAL ORGANIC CARBON	mg/L	16.6	12.7	2.9	11.9	13.5	10.9	10.2
NUT								12.8
AMMONIA-N	mg/L	< 0.1	0.2	0.2	0.1	0.1	0.13	0.2
NITRATE-N	mg/L	30.6	32.	32.	33.	30.6	31.9	34.6
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1
POTASSIUM	mg/L	1.46	2.4	1.64	1.58	1.41	1.36	1.9
VOA								
1,2-DICHLOROETHANE	ug/L	5	500.	450.	260.	220.	226.	E 460.
ACETONE	ug/L	3500	< 1000.	< 6.	< 1000.	< 10.	< 10.	< 10.
BENZENE	ug/L	5	< 500.	27.	< 500.	49.	29.	36.
TOLUENE	ug/L	1000	< 500.	5.	< 500.	9.	< 5.	< 5.
VINYL CHLORIDE	ug/L	2	< 1000.	< 1.2	< 1000.	4.	< 2.	8.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-130RS - *higher*

French Limited Project

FLTG, Inc.

	Date Collected :	12/21/94	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			2.85	2.2	1.44	2.91	2.18
DISSOLVED OXYGEN		PPM	2.1	0.1	0.6	0.2	0.2	0.2	0.1
FIELD PH		pH un	7.24	7.16	6.89	7.21	7.11	7.03	7.21
GALLONS REMOVED		gals				1.5	2.	3.	2.
SPECIFIC CONDUCTIVITY		umhos	900.	1050.	1100.	1100.	900.	900.	850.
TEMPERATURE		Deg C	25.	23.	26.	22.	21.	24.	25.5
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON		mg/L	16.6	17.4	2.9	15.9	20.8	16.9	15.4
NUT									
AMMONIA-N		mg/L	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.13
NITRATE-N		mg/L	23.2	20.	17.5	14.	12.5	12.7	10.
ORTHOPHOSPHATE-P		mg/L	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.2	< 0.1
POTASSIUM		mg/L	1.82	3.3	1.89	2.02	1.52	1.48	1.4
VOA									
1,2-DICHLOROETHANE	5	ug/L	1800.	290.	100.	130.	65.	64.	110.
ACETONE	3500	ug/L	< 200.	< 6.	< 250.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 100.	21.	< 120.	34.	25.	31.	36.
TOLUENE	1000	ug/L	< 100.	< 0.5	< 120.	J 1.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	180.	250.	180.	250.	160.	180.	160.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUND WATER PROGRESS MONITORING

INT-134

French Limited Project

FLTG, Inc.

	Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			9.68	8.11	7.44	8.15	8.53
DISSOLVED OXYGEN	PPM	0.7	1.2	0.1	1.2	0.4	0.1	0.1	0.1
FIELD PH	pH un	7.42	7.42	7.42	7.47	7.48	7.58	7.48	7.46
GALLONS REMOVED	gals					1.5	2.5	3.	2.
SPECIFIC CONDUCTIVITY	umhos	500.	525.	1000.	1000.	1100.	800.	800.	900.
TEMPERATURE	Deg C	22.	22.	22.	23.	22.	22.	22.	22.9
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 1.	21.6	15.	34.1	44.	29.2	31.8	39.
NUT									
AMMONIA-N	mg/L	0.3	0.7	0.53	0.6	0.3	0.2	< 0.1	0.57
NITRATE-N	mg/L	1.8	0.45	0.78	2.	2.9	1.	2.6	7.1
ORTHOPHOSPHATE-P	mg/L	18.	8.72	4.	1.2	0.8	1.2	1.	0.6
POTASSIUM	mg/L	43.1	26.4	16.	7.21	5.92	6.37	5.37	4.7
VOA									
1,2-DICHLOROETHANE	5	ug/L	68.	67.	85.	110.	96.	64.	82.
ACETONE	3500	ug/L	< 12.	< 6.	< 6.	< 10.	< 10.	< 10.	< 20.
BENZENE	5	ug/L	34.	27.	54.	56.	44.	19.	30.
TOLUENE	1000	ug/L	< 1.	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 10.
VINYL CHLORIDE	2	ug/L	190.	19.	140.	190.	130.	81.	200.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-135

Fairly Clean

French Limited Project

FLTG, Inc.

	Date Collected :	1/17/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/14/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			12.06	11.62	10.7	11.54	11.92
DISSOLVED OXYGEN	PPM	1.	1.	0.15	0.8	0.2	1.8	0.2	0.6
FIELD PH	pH un	6.95	6.88	6.76	6.76	6.75	6.56	6.74	6.79
GALLONS REMOVED		gals				1.26	1.75	2.	1.5
SPECIFIC CONDUCTIVITY	umhos	440.	500.	820.	800.	700.	600.	625.	650.
TEMPERATURE	Deg C	23.	23.	22.	24.	22.	22.	24.	23.8
MET									
ARSENIC	50	ug/L	< 10.	20.	22.	23.	28.	12.	29.
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	< 3.	14.3	8.1	11.8	16.	13.3	13.7
NUT									
AMMONIA-N		mg/L	< 0.1	0.1	0.11	< 0.1	< 0.1	0.14	0.17
NITRATE-N		mg/L	2.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 1.	< 0.1	0.04	< 0.1	< 0.1	< 0.1	0.1
POTASSIUM		mg/L	1.16	1.19	1.2	1.14	1.24	1.13	1.24
VOA									
1,2-DICHLOROETHANE	5	ug/L	15.	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	66.	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-144

*On property or yard owned by ALCO*French Limited Project
FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/15/97	10/14/97	
	Criteria	Units								
FLD										
DEPTH TO WATER		Ft				15.62	15.17	13.91	15.16	15.52
DISSOLVED OXYGEN	PPM	0.7	2.4	1.8	2.4	1.6	0.5	1.2	0.2	
FIELD PH	pH un	8.63	8.84	9.66	9.11	9.37	9.31	8.35	9.01	
GALLONS REMOVED		gals				1.25	2.	2.	1.75	
SPECIFIC CONDUCTIVITY	umhos	310.	325.	370.	925.	320.	300.	300.	330.	
TEMPERATURE	Deg C	23.	21.	21.	23.5	21.	21.	22.	22.7	
MET										
ARSENIC	50	ug/L	< 10.	20.	17.	17.	18.	16.	14.	14.
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	7.	< 5.	< 5.
MISC										
TOTAL ORGANIC CARBON		mg/L	< 3.	< 2.	< 1.	< 1.	1.4	1.2	1.2	< 1.
NUT										
AMMONIA-N		mg/L	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
NITRATE-N		mg/L	< 0.2	< 0.2	0.12	< 0.2	0.2	0.7	0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.2	0.1
POTASSIUM		mg/L	0.94	1.03	0.95	0.86	0.89	4.57	2.88	1.4
VOA										
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.	3.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-214

OK fairly clean

French Limited Project

FLTG, Inc.

	Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.03	2.52	2.01	2.47	2.44
DISSOLVED OXYGEN	PPM	1.	1.4	0.1	0.7	0.1	0.5	0.2	0.4
FIELD PH	pH un	6.9	7.48	7.2	6.7	6.63	6.55	6.53	6.3
GALLONS REMOVED		gals				1.5	1.75	2.	1.75
SPECIFIC CONDUCTIVITY	umhos	700.	575.	750.	800.	700.	625.	700.	680.
TEMPERATURE	Deg C	23.	21.	22.	23.5	21.	21.	22.5	22.7
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 0.7	3.	< 1.	2.5	4.2	3.6	4.4	4.9
NUT									
AMMONIA-N	mg/L	0.2	< 0.1	< 0.1	0.2	< 0.1	0.9	2.3	3.62
NITRATE-N	mg/L	5.5	1.53	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	60.6	5.95	1.7	1.1	0.8	1.	2.6	1.8
POTASSIUM	mg/L	188.	88.9	70.	60.5	63.	63.1	57.4	66.4
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-217

French Limited Project

FLTG, Inc.

	Date Collected :	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/16/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.48	2.6	2.13	2.78	2.88
DISSOLVED OXYGEN	PPM	0.4	0.9	0.1	1.	0.2	0.2	0.1	0.7
FIELD PH	pH un	6.9	6.74	6.69	6.34	6.78	6.57	6.44	6.57
GALLONS REMOVED	gals					1.5	2.	3.	2.5
SPECIFIC CONDUCTIVITY	umhos	1000.	805.	1300.	1200.	415.	1000.	1000.	900.
TEMPERATURE	Deg C	23.	21.	22.	23.	21.	21.	23.	22.2
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 2.5	56.8	48.4	53.8	54.9	44.8	2.4	46.5
NUT									
AMMONIA-N	mg/L	1.1	0.4	0.1	0.1	< 0.1	0.1	< 0.1	< 0.1
NITRATE-N	mg/L	0.51	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	206.	5.9	1.	0.4	< 0.1	< 0.1	< 0.2	< 0.1
POTASSIUM	mg/L	385.	19.6	2.1	1.35	0.78	0.98	0.9	0.72
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	22.	51.	16.	22.	18.	16.	14.
TOLUENE	1000	ug/L	< 0.5	12.	< 0.5	< 5.	6.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	51.	8.	9.	17.	5.	6.	< 2.
									13,

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

INT-233 near Cut off

30 31 300 PIB

French Limited Project

FLTG, Inc.

	Date Collected : 1/23/96	4/12/96	7/22/96	10/7/96	1/24/97	4/16/97	7/16/97	10/15/97
Criteria	Units							
FLD								
DEPTH TO WATER	Ft				6.48	5.92	5.42	5.85
DISSOLVED OXYGEN	PPM		0.7	0.12	0.7	0.1	0.1	0.2
FIELD PH	pH un	6.84	6.79	6.65	6.7	7.21	7.13	6.87
GALLONS REMOVED	gals					1.5	2.	3.
SPECIFIC CONDUCTIVITY	umhos	750.	1200.	2050.	1800.	1500.	1200.	1310.
TEMPERATURE	Deg C	24.	22.	22.	25.	21.	22.	24.6
MET								
ARSENIC	50	ug/L						
CHROMIUM	100	ug/L						
LEAD	15	ug/L						
MISC								
TOTAL ORGANIC CARBON	mg/L	1800.	264.	100.	98.9	59.1	34.2	50.7
NUT								
AMMONIA-N	mg/L	2.6	1.2	7.8	8.7	5.7	2.7	6.2
NITRATE-N	mg/L	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	5.52	5.5	4.6	3.9	0.1	9.4
POTASSIUM	mg/L	16.2	10.5	13.	9.09	9.63	9.19	9.38
VOA								
1,2-DICHLOROETHANE	5	ug/L	< 160.	< 2.7	< 8.	< 16.	< 5.	< 5.
ACETONE	3500	ug/L	27000.	< 19.8	< 60.	< 33.	< 10.	< 10.
BENZENE	5	ug/L	740.	370.	350.	500.	< 5.	100.
TOLUENE	1000	ug/L	< 100.	140.	100.	19.	J 2.	5.
VINYL CHLORIDE	2	ug/L	< 240.	< 4.	< 12.	< 33.	J 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

French Limited Project

S1-031

FLTG, Inc.

OK

			Date Collected : 1/17/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/15/97	10/15/97
	Criteria	Units								
FLD										
DEPTH TO WATER		Ft				7.46	6.82	6.43	6.86	6.81
DISSOLVED OXYGEN	PPM	0.6	1.5	0.02	0.9	0.1	0.3	0.3	0.2	
FIELD PH	pH un	7.22	7.49	7.4	6.84	7.06	7.03	7.16	7.06	
GALLONS REMOVED		gals				1.5	2.	3.	2.25	
SPECIFIC CONDUCTIVITY	umhos	600.	300.	450.	1050.	850.	525.	650.	550.	
TEMPERATURE	Deg C	23.	21.	23.	25.5	21.	21.	23.	24.6	
MET										
ARSENIC	50	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	12.	< 10.	
CHROMIUM	100	ug/L	13.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	
LEAD	15	ug/L	5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.	
MISC										
TOTAL ORGANIC CARBON		mg/L	9.	4.1	< 1.	11.4	8.8	6.4	5.9	5.9
NUT										
AMMONIA-N		mg/L	0.2	0.6	0.29	0.2	0.2	0.3	1.09	0.75
NITRATE-N		mg/L	26.5	2.8	0.16	< 0.2	< 0.2	0.6	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	5.48	1.7	0.52	0.2	< 0.1	0.1	< 0.2	0.1
POTASSIUM		mg/L	144.	93.8	32.	10.9	4.7	3.87	27.1	7.2
VOA										
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-033

French Limited Project

FLTG, Inc.

EK

	Date Collected :	1/16/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.43	3.04	2.22	2.76	2.98
DISSOLVED OXYGEN	PPM	0.4	1.6	0.16	1.2	0.15	0.2	0.2	0.5
FIELD PH	pH un	6.48	7.23	6.69	6.58	6.75	6.67	5.97	6.58
GALLONS REMOVED	gals					1.5	1.5	2.5	1.25
SPECIFIC CONDUCTIVITY	umhos	495.	450.	700.	1150.	510.	410.	500.	550.
TEMPERATURE	Deg C	23.	20.	22.	24.	21.	20.	23.	23.3
MET									
ARSENIC	50	ug/L	< 10.	< 10.	13.	< 10.	< 10.	17.	25.
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	< 3.	3.5	< 1.	7.6	9.6	9.8	10.4
NUT									
AMMONIA-N		mg/L	< 0.1	< 0.1	0.2	0.2	0.5	0.87	1.19
NITRATE-N		mg/L	131.	288.	0.78	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	1.2	0.6	0.49	0.4	< 0.1	< 0.1	< 0.2
POTASSIUM		mg/L	68.1	59.5	88.	65.3	63.4	56.7	63.4
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

French Limited Project

S1-051-P-3 EK

FLTG, Inc.

	Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	4/14/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.67	2.61	2.65	3.1	2.6
DISSOLVED OXYGEN	PPM	0.6	1.8	1.7	0.7	0.1	0.2	0.2	0.4
FIELD PH	pH un	6.86	6.92	6.87	6.63	6.53	6.58	5.97	6.33
GALLONS REMOVED		gals				1.25	1.75	2.5	1.75
SPECIFIC CONDUCTIVITY	umhos	500.	450.	820.	900.	800.	700.	550.	700.
TEMPERATURE	Deg C	21.	20.	23.	24.	21.	20.	23.	23.1
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	11.3	7.8	14.8	16.7	15.8	13.7	14.6
NUT									
AMMONIA-N	mg/L	0.8	0.9	0.96	1.3	1.7	1.2	2.4	3.78
NITRATE-N	mg/L	7.4	4.2	3.8	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.09	< 0.1	< 0.1	< 0.1	0.2	0.1
POTASSIUM	mg/L	37.9	54.8	81.	72.	72.1	72.	44.6	60.9
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-106A

French Limited Project

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		ft			2.28	0.7	0.87	2.48	2.57
DISSOLVED OXYGEN	PPM	15.	12.6	7.6	1.	1.	0.4	0.1	0.5
FIELD PH	pH un	6.7	7.52	7.26	6.96	6.85	6.75	6.73	6.93
GALLONS REMOVED		gals				1.5	3.	2.	1.75
SPECIFIC CONDUCTIVITY	umhos	450.	400.	800.	850.	800.	600.	700.	700.
TEMPERATURE	Deg C	24.	21.	22.	24.	20.	20.	23.	23.2
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	< 2.	< 1.	2.5	3.9	1.1	2.7	2.1
NUT									
AMMONIA-N	mg/L	< 0.1	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.15
NITRATE-N	mg/L	92.3	16.6	23.3	11.4	16.2	15.4	12.9	9.8
ORTHOPHOSPHATE-P	mg/L	0.71	0.6	1.	0.6	0.8	1.2	1.6	1.5
POTASSIUM	mg/L	47.	43.1	52.	29.	36.5	46.8	44.	47.1
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	7.	< 5.	< 5.	< 5.	J 4.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	39.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

French Limited Project

S1-106(R)

needs more oxygen

FLTG, Inc.

	Date Collected :	8/2/95	10/2/95	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			6.71	4.6	5.02	7.08	7.29
DISSOLVED OXYGEN	PPM	0.2	0.2	0.1	0.9	0.2	0.2	0.1	0.3
FIELD PH	pH un	6.54	6.65	6.77	6.63	6.78	6.61	6.58	6.68
GALLONS REMOVED		gals				1.75	2.		2.5
SPECIFIC CONDUCTIVITY	umhos	800.	500.	1100.	1025.	1200.	900.	1025.	1000.
TEMPERATURE	Deg C			21.	23.	20.	20.	21.	22.1
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	28.	30.	9.	18.8	25.6	19.9	21.2	27.4
NUT									
AMMONIA-N	mg/L	< 0.1	1.45	3.2	3.3	1.8	1.9	2.9	3.36
NITRATE-N	mg/L	< 0.1	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	0.8	0.3	16.	8.9	5.4	2.5	2.2	11.4
POTASSIUM	mg/L	41.9	44.2	53.	54.5	42.6	27.9	28.	56.9
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	8.	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	16.	32.	36.	25.	34.	26.	37.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	2.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

*Needs
C2*

GROUNDWATER PROGRESS MONITORING

S1-108A

French Limited Project

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			5.61	4.26	4.59	5.32	4.88
DISSOLVED OXYGEN	PPM	2.	1.8	0.1	0.8	0.1	0.6	0.1	0.3
FIELD PH	pH un	6.07	7.08	6.8	6.42	6.52	6.5	6.34	6.31
GALLONS REMOVED	gals					2.	2.5	2.5	2.
SPECIFIC CONDUCTIVITY	umhos	470.	400.	650.	775.	625.	500.	600.	600.
TEMPERATURE	Deg C	22.	20.	25.	25.	20.	19.	23.	24.2
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	51.6	3.8	1.1	4.5	8.	6.	7.5	7.4
NUT									
AMMONIA-N	mg/L	0.2	< 0.1	0.67	0.4	0.4	0.4	0.75	1.81
NITRATE-N	mg/L	51.6	4.2	0.47	0.3	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	0.33	0.1	0.23	0.1	< 0.1	0.1	< 0.2	0.4
POTASSIUM	mg/L	28.2	34.2	38.	34.7	28.7	37.1	35.4	38.8
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	J 4.	< 10.
BENZENE	5	ug/L	< 0.3	4.	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	3.	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

French Limited Project

S1-111

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.79	2.72	2.7	3.11	2.68
DISSOLVED OXYGEN	PPM	15.	15.	15.	8.9	2.2	0.6	0.2	0.5
FIELD PH	pH un	7.74	7.18	7.53	6.8	6.97	6.96	6.61	6.65
GALLONS REMOVED	gals					1.5	2.	2.5	1.5
SPECIFIC CONDUCTIVITY	umhos	900.	600.	1050.	1050.	850.	720.	700.	720.
TEMPERATURE	Deg C	22.	21.	22.	24.	21.	20.	23.	23.5
MET									
ARSENIC	50	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
CHROMIUM	100	ug/L	12.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	9.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	9.						
NUT									
AMMONIA-N		mg/L							
NITRATE-N		mg/L							
ORTHOPHOSPHATE-P		mg/L							
POTASSIUM		mg/L		170.					
VOA									
1,2-DICHLOROETHANE	5	ug/L							
ACETONE	3500	ug/L							
BENZENE	5	ug/L							
TOLUENE	1000	ug/L							
VINYL CHLORIDE	2	ug/L							

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-118 *No 375023*

French Limited Project

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			8.95	8.99	7.44	8.15	9.9
DISSOLVED OXYGEN	PPM	1.6	1.6	0.8	1.2	0.15	0.4	0.1	1.1
FIELD PH	pH un	6.67	6.74	6.28	6.35	6.5	6.62	6.19	6.06
GALLONS REMOVED		gals				1.5	3.	2.5	2.
SPECIFIC CONDUCTIVITY	umhos	200.	500.	310.	825.	355.	300.	200.	315.
TEMPERATURE	Deg C	24.	21.	26.	27.	23.	20.	25.	26.
MET									
ARSENIC	50	ug/L	< 10.	< 10.	< 10.	27.	< 10.	10.	10.2
CHROMIUM	100	ug/L	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.	< 10.
LEAD	15	ug/L	< 5.	< 5.	< 3.	< 5.	< 5.	< 5.	< 5.
MISC									
TOTAL ORGANIC CARBON		mg/L	< 0.5	6.2	6.1	5.7	9.1	6.3	6.6
NUT									
AMMONIA-N		mg/L	< 0.1	0.1	0.2	0.3	< 0.1	0.2	0.23
NITRATE-N		mg/L	< 0.2	< 0.2	< 0.05	< 0.2	0.4	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.1	0.05	< 0.1	< 0.1	< 0.1	< 0.1
POTASSIUM		mg/L	2.7	1.72	1.5	1.89	1.74	1.94	1.84
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	< 0.3	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-121 Mo 5/20/97

French Limited Project

FLTG, Inc.

	Date Collected :	1/18/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	11/ 5/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			8.79	7.88	7.45	8.86	8.27
DISSOLVED OXYGEN	PPM	10.2	1.7	0.1	1.	0.1	0.2		1.2
FIELD PH	pH un	6.8	6.84	6.85	6.89	6.77	6.86	6.6	6.4
GALLONS REMOVED		gals				2.25	2.	2.5	2.25
SPECIFIC CONDUCTIVITY	umhos	750.	750.	1300.	1300.	1150.	1200.	1300.	1150.
TEMPERATURE	Deg C	24.	23.	23.	25.	22.		24.	24.5
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	108.	14.6	5.2	5.1	9.5	11.3	29.6	4.5
NUT									
AMMONIA-N	mg/L	0.1	0.7	0.58	< 0.1	< 0.1	0.2	0.63	< 0.1
NITRATE-N	mg/L	56.2	< 0.2	0.75	6.	9.9	< 0.2	4.4	7.8
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.03	< 0.1	< 0.1	< 0.1	10.	< 0.2
POTASSIUM	mg/L	108.	19.	43.	34.6	53.8	29.9	31.	42.6
VOA									
1,2-DICHLOROETHANE	5	ug/L	40.	24.	8.	3.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	5.	4.	< 5.	< 5.	J 3.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	J 4.	< 5.
VINYL CHLORIDE	2	ug/L	17.	66.	8.	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-123

French Limited Project

FLTG, Inc.

	Date Collected :	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			1.67	0.1	0.35	1.96	2.29
DISSOLVED OXYGEN	PPM	3.2	2.2	5.	1.2	0.2	0.2	0.1	0.3
FIELD PH	pH un	7.13	6.98	6.84	6.58	6.95	6.89	6.66	6.78
GALLONS REMOVED	gals					1.5	2.5	3.	2.5
SPECIFIC CONDUCTIVITY	umhos	500.	550.	1130.	1100.	975.	400.	1125.	1100.
TEMPERATURE	Deg C	25.	22.	24.	26.	23.	23.	24.	25.3
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	0.43	4.8	9.3	6.8	11.4	4.3	9.5	15.3
NUT									
AMMONIA-N	mg/L	< 0.1	0.3	0.44	0.6	0.6	0.3	0.3	0.41
NITRATE-N	mg/L	2.4	0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	0.43	0.3	0.94	0.2	< 0.1	0.3	< 0.2	2.2
POTASSIUM	mg/L	8.2	17.	28.	7.85	8.05	5.67	7.41	13.3
VOA									
1,2-DICHLOROETHANE	5	ug/L	180.	680.	19000.	4.	< 5.	28.	1500.
ACETONE	3500	ug/L	4.	< 60.	< 60.	< 10.	< 10.	< 10.	< 50.
BENZENE	5	ug/L	< 0.3	< 3.	< 3.	< 5.	< 5.	69.	< 25.
TOLUENE	1000	ug/L	< 0.5	< 5.	43.	< 5.	< 5.	62.	32.
VINYL CHLORIDE	2	ug/L	4.	< 12.	2600.	21.	5.	310.	2800.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-131

French Limited Project
FLTG, Inc.

	Date Collected :	1/23/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/15/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft			3.24	5.8	5.61	6.14	6.87
DISSOLVED OXYGEN	PPM	9.	1.4	0.07	0.8	0.1	0.2	0.2	0.7
FIELD PH	pH un	7.22	7.53	6.98	7.16	7.81	7.32	6.95	7.11
GALLONS REMOVED		gals				1.5	2.5	3.	2.
SPECIFIC CONDUCTIVITY	umhos	600.	550.	1300.	1300.	900.	950.	1000.	1000.
TEMPERATURE	Deg C	24.	22.	23.	25.	21.	22.		
MET									
ARSENIC	50	ug/L							
CHROMIUM	100	ug/L							
LEAD	15	ug/L							
MISC									
TOTAL ORGANIC CARBON	mg/L	< 3.	20.8	17.	42.7	26.1	40.	43.9	38.2
NUT									
AMMONIA-N	mg/L	< 0.1	1.8	2.2	2.2	1.9	0.3	1.4	2.12
NITRATE-N	mg/L	8.6	306.	< 0.05	0.4	3.1	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P	mg/L	< 0.1	< 0.1	0.03	< 0.1	< 0.1	< 0.1	0.2	< 0.1
POTASSIUM	mg/L	62.6	91.9	94.	93.4	19.	34.7	62.4	66.8
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	6.	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	17.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	8.	21.	31.	32.	J 3.	J 4.	21.
TOLUENE	1000	ug/L	3.	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit

GROUNDWATER PROGRESS MONITORING

S1-135

French Limited Project

FLTG, Inc.

	Date Collected :	1/15/96	4/12/96	7/22/96	10/7/96	1/24/97	4/15/97	7/15/97	10/14/97
	Criteria	Units							
FLD									
DEPTH TO WATER		Ft				7.18	6.96	5.24	6.25
DISSOLVED OXYGEN	PPM	1.6	1.7	0.1	0.6	0.1	0.2	0.1	0.1
FIELD PH	pH un	6.46	6.58	6.27	6.28	6.22	6.38	6.27	6.4
GALLONS REMOVED	gals					2.25	3.	2.5	1.75
SPECIFIC CONDUCTIVITY	umhos	350.	300.	450.	1000.	400.	300.	600.	570.
TEMPERATURE	Deg C	23.	21.	23.	25.	21.	21.	24.	25.8
MET									
ARSENIC	50	ug/L	169.	40.	62.	69.	47.9	98.	97.
CHROMIUM	100	ug/L	13.	< 10.	< 10.	< 10.	5.2	< 10.	< 10.
LEAD	15	ug/L	5.	< 5.	5.1	< 5.	< 0.8	< 5.	8.
MISC									
TOTAL ORGANIC CARBON		mg/L	< 0.5	16.4	16.	16.5	18.4	15.2	27.8
NUT									
AMMONIA-N		mg/L	0.9	0.7	0.44	0.4	0.2	< 0.1	0.76
NITRATE-N		mg/L	< 0.2	< 0.2	< 0.05	< 0.2	< 0.2	< 0.2	< 0.2
ORTHOPHOSPHATE-P		mg/L	< 0.1	< 0.1	0.18	< 0.1	< 0.1	< 0.1	< 0.2
POTASSIUM		mg/L	7.33	5.57	3.8	3.81	3.61	3.66	5.94
VOA									
1,2-DICHLOROETHANE	5	ug/L	< 0.8	< 0.8	< 0.8	< 5.	< 5.	< 5.	< 5.
ACETONE	3500	ug/L	< 6.	< 6.	< 6.	< 10.	< 10.	< 10.	< 10.
BENZENE	5	ug/L	< 0.3	3.	< 0.3	< 5.	< 5.	< 5.	< 5.
TOLUENE	1000	ug/L	< 0.5	< 0.5	< 0.5	< 5.	< 5.	< 5.	< 5.
VINYL CHLORIDE	2	ug/L	< 1.2	< 1.2	< 1.2	< 10.	< 2.	< 2.	< 2.

J = Estimated value below detection limit

E = Estimated value greater than calibration range

< = Analyte not detected at listed detection limit



Attachment B
French Ltd. Project
Field Duplicate Precision Summaries
Groundwater Monitoring - October, 1997

Field Duplicate Precision Summary

Well	Compound	Units	Sample	Duplicate	% RPD
					Sample vs Dup
INT-101	Ammonia as N	mg/L	< 0.1	< 0.1	NC
	Nitrate as N	mg/L	0.3	0.2	40%
	Orthophosphate	mg/L	0.2	0.2	0%
	Potassium	mg/L	0.68	0.61	11%
	Total Organic Carbon	mg/L	5.5	5.4	2%
	Arsenic	ug/L	39	37	5%
	Vinyl chloride	ug/L	< 2	< 2	NC
	Benzene	ug/L	9	10	11%
	1,2-Dichloroethane	ug/L	< 5	< 5	NC
	Toluene	ug/L	< 5	< 5	NC
	Acetone	ug/L	< 10	< 10	NC

Well	Compound	Units	Sample	Duplicate	% RPD
					Sample vs Dup
INT-127	Ammonia as N	mg/L	0.14	0.12	15%
	Nitrate as N	mg/L	< 0.2	< 0.2	NC
	Orthophosphate	mg/L	< 0.1	< 0.1	NC
	Potassium	mg/L	3.3	3.4	3%
	Total Organic Carbon	mg/L	10.3	12.1	16%
	Vinyl chloride	ug/L	< 2	< 2	NC
	Benzene	ug/L	< 5	2 J	NC
	1,2-Dichloroethane	ug/L	< 5	< 5	NC
	Toluene	ug/L	< 5	< 5	NC
	Acetone	ug/L	12	11	9%

GROUNDWATER PROGRESS MONITORING

October, 1997

French Ltd. Project
FLTG, Incorporated

Field Duplicate Precision Summary

Well	Compound	Units	10/15/97 Sample	10/31/97 Duplicate	% RPD Sample vs Dup
S1-123	Ammonia as N	mg/L	0.41	0.18	78%
	Nitrate as N	mg/L	< 0.2	< 0.2	NC
	Orthophosphate	mg/L	2.2	0.9	84%
	Potassium	mg/L	13.3	20.6	43%
	Total Organic Carbon	mg/L	15.3	42.4	94%
	Vinyl chloride	ug/L	2800	4900	55%
	Benzene	ug/L	< 25	< 2500	NC
	1,2-Dichloroethane	ug/L	17000	68000	120%
	Toluene	ug/L	32	< 2500	NC
	Acetone	ug/L	< 50	18000	NC

Attachment B

APPENDIX B

April 1996 - October 1997 water levels

Post-operational groundwater levels
Table 1 - Depth to water (feet)

Well/gauge/date	4/8-12/96	7/10-16/96	8/8/96	10/7/96	11/18/96	12/9/96	1/20-24/97	2/13/97	3/22/97	4/14/97	5/31/97	7/14/97	8/18/97	9/11/97	10/1/97	Average since 5/31/97
South Pond	NM	NM	7.80	NM	NM	9.23	NM	9.38	9.44	NM	9.65	9.08	9.16	9.34	9.46	9.34
East Slough	NM	NM	NM	NM	NM	NM	NM	8.86	NM	9.40	9.28	8.80	7.88	8.86	8.82	
FLTG-13	2.98	5.04	4.88	2.37	3.48	3.26	1.89	0.82	1.47	1.63	1.36	2.86	3.98	4.54	3.87	3.32
FLTG-14	2.45	4.82	4.40	1.74	2.93	2.84	1.83	0.42	1.21	1.31	1.05	2.38	3.84	4.20	3.61	2.95
INT-22	5.80	5.66	6.56	5.29	5.48	5.35	4.88	4.08	3.80	4.12	3.85	4.68	5.27	5.48	4.89	4.83
INT-28	3.58	4.06	4.56	3.88	3.28	3.07	2.56	2.10	2.52	2.60	2.33	3.15	3.23	3.05	2.77	2.91
INT-58-P2	2.80	6.75	7.17	6.78	6.28	5.77	5.38	4.74	5.17	5.35	4.98	5.82	5.94	5.79	5.47	5.60
INT-80-P3	3.20	6.54	7.00	6.06	6.20	5.56	4.99	4.42	4.87	5.07	4.86	5.63	5.78	5.65	5.28	5.40
INT-101	6.20	6.51	6.95	5.48	8.05	5.72	4.98	4.38	4.03	4.41	4.12	4.95	5.88	5.86	5.25	5.19
INT-106	3.26	3.63	4.82	2.82	3.31	2.86	1.63	0.85	1.50	0.39	0.91	2.91	3.88	3.73	2.81	2.80
INT-108	4.88	5.32	5.95	4.81	4.73	4.48	3.59	3.13	3.57	3.93	3.30	4.57	4.77	4.61	4.14	4.28
INT-118	10.33	10.91	11.38	10.00	10.67	10.66	10.12	9.28	8.25	8.60	8.03	9.28	10.13	10.67	9.81	9.58
INT-120	6.70	11.71	10.09	8.84	8.95	8.85	7.45	7.18	7.48	7.75	7.25	8.57	8.87	8.31	8.39	
INT-123	6.90	9.89	10.88	9.19	9.00	9.23	7.88	7.48	7.84	8.05	7.46	9.10	9.76	9.73	8.99	9.00
INT-127	2.70	3.34	3.96	2.39	2.88	2.18	1.00	0.57	0.72	1.50	0.80	2.25	2.80	2.73	1.98	2.11
INT-130R	NM	3.35	4.46	2.45	3.01	2.58	NM	0.80	0.70	1.50	0.80	2.52	3.31	3.47	2.54	2.53
INT-130RS	NM	3.95	4.88	2.85	3.41	2.99	NM	1.00	1.15	1.60	1.08	2.01	3.73	3.86	2.97	2.91
INT-134	8.88	9.29	10.06	9.68	9.92	10.99	8.11	7.82	7.12	7.44	7.25	8.15	8.86	9.16	8.52	8.35
INT-135	13.30	12.60	13.41	12.06	15.35	12.17	11.62	10.86	10.43	10.78	10.80	11.54	12.30	12.48	11.87	11.78
INT-144	13.00	16.45	16.73	16.82	15.87	15.83	15.17	14.52	13.82	13.81	14.03	16.18	15.91	16.04	15.49	15.33
INT-147	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.55	6.25	5.15	5.65	
INT-148	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	9.11	9.84	10.23	9.48	9.69
INT-149	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	12.89	14.86	15.00	14.47	14.31
INT-150	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.15	4.38	4.27	3.80	4.18
INT-151	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.20	4.07	4.10	3.72	4.02
INT-152	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.47	3.97	3.88	3.86	3.97
INT-153	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.49	6.34	6.36	5.80	6.25
INT-154	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.86	7.26	7.41	6.39	6.98
INT-155	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.78	8.12	8.67	8.06	8.16
INT-156	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	4.09	4.10	3.78	3.89	
INT-214	3.80	3.52	4.23	3.03	3.07	2.98	2.62	1.78	1.72	2.01	1.72	2.47	2.89	2.83	2.48	2.50
INT-217	3.70	4.47	4.85	3.48	3.37	3.25	2.80	2.12	1.82	2.13	1.92	2.78	3.28	3.35	2.80	2.85
INT-233	7.30	6.82	7.65	6.48	6.44	6.38	5.92	5.12	5.15	5.50	5.10	5.85	6.25	6.36	5.88	5.89
P-5	6.40	9.68	10.11	9.34	9.88	9.65	NM	7.80	8.07	8.23	7.85	8.75	8.86	8.85	8.32	8.48
P-6	9.60	9.07	9.20	9.00	9.43	9.71	NM	4.04	8.21	8.52	4.26	7.84	8.31	8.65	8.81	7.57
S1-31	7.55	7.82	8.66	7.48	7.18	7.38	6.82	6.11	8.14	6.43	6.05	6.86	7.27	7.31	6.84	6.87
S1-33	3.68	3.72	4.73	3.43	3.71	3.60	3.04	2.15	1.88	2.22	1.83	2.76	3.33	3.58	2.97	2.89
S1-51-P3	3.47	4.02	4.43	3.67	3.23	3.03	2.81	2.03	2.47	2.65	2.30	3.10	3.17	3.00	2.71	2.86
S1-64	5.92	6.47	6.65	5.61	6.65	6.05	NM	3.74	5.05	5.23	4.80	5.53	6.45	6.98	6.03	5.98
S1-105	3.12	NM	NM	NM	3.48	3.14	NM	0.82	1.47	1.56	1.35	2.96	NM	4.22	3.43	2.99
S1-106A	2.70	3.13	4.34	2.28	2.81	2.37	0.70	0.31	0.60	0.87	0.37	2.48	3.22	3.20	2.29	2.31
S1-108R	NM	7.72	NM	6.71	7.31	6.81	4.80	4.34	4.62	5.02	4.47	7.08	7.92	8.08	7.03	6.92
S1-108A	5.62	6.08	6.66	5.61	6.04	5.18	4.26	3.86	4.30	4.59	4.01	5.32	5.47	5.33	4.80	5.01
S1-111	3.80	4.03	4.49	3.79	3.32	3.12	2.72	2.20	2.53	2.70	2.38	3.11	3.18	3.07	2.79	2.91
S1-118	8.23	8.90	10.32	9.95	9.68	9.65	8.99	7.77	7.02	7.50	6.72	8.15	9.06	9.61	8.75	8.46
S1-119	8.10	8.60	8.88	8.81	9.12	9.41	NM	8.48	7.86	7.77	7.25	7.54	8.27	8.68	8.66	8.08
S1-121	6.52	8.70	10.87	8.78	9.89	9.00	7.88	7.50	7.14	7.45	7.03	8.86	9.77	9.61	8.81	8.82
S1-123	3.80	2.84	3.88	1.67	2.44	1.95	0.10	0.00	0.00	0.35	0.00	1.98	2.87	2.84	1.97	1.93
S1-126	8.68	4.67	5.18	4.85	5.31	5.55	NM	4.53	3.78	4.01	3.45	3.90	4.63	5.07	4.88	4.41
S1-131	3.66	4.60	5.44	3.24	4.03	3.70	5.80	4.26	5.45	5.61	5.24	6.14	7.12	7.58	6.67	6.55
S1-135	7.62	7.80	8.70	7.18	7.93	7.89	6.98	5.73	4.90	5.24	4.42	6.26	7.30	7.88	6.88	6.55
S1-136	NM	NM	NM	NM	NM	NM	NM	5.21	NM	5.05	5.74	6.80	7.42	6.45	6.29	
S1-138	NM	NM	NM	NM	NM	NM	NM	5.47	NM	5.20	5.88	6.78	7.36	6.37	6.32	
S1-139	NM	NM	NM	NM	NM	NM	NM	6.88	NM	6.62	6.68	7.35	7.98	7.10	7.15	
S1-140	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	5.91	5.51	5.52	4.97	5.48	
S1-141	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	7.84	7.55	7.78	7.00	7.49	
S1-142	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	6.98	7.54	8.13	7.22	7.47	

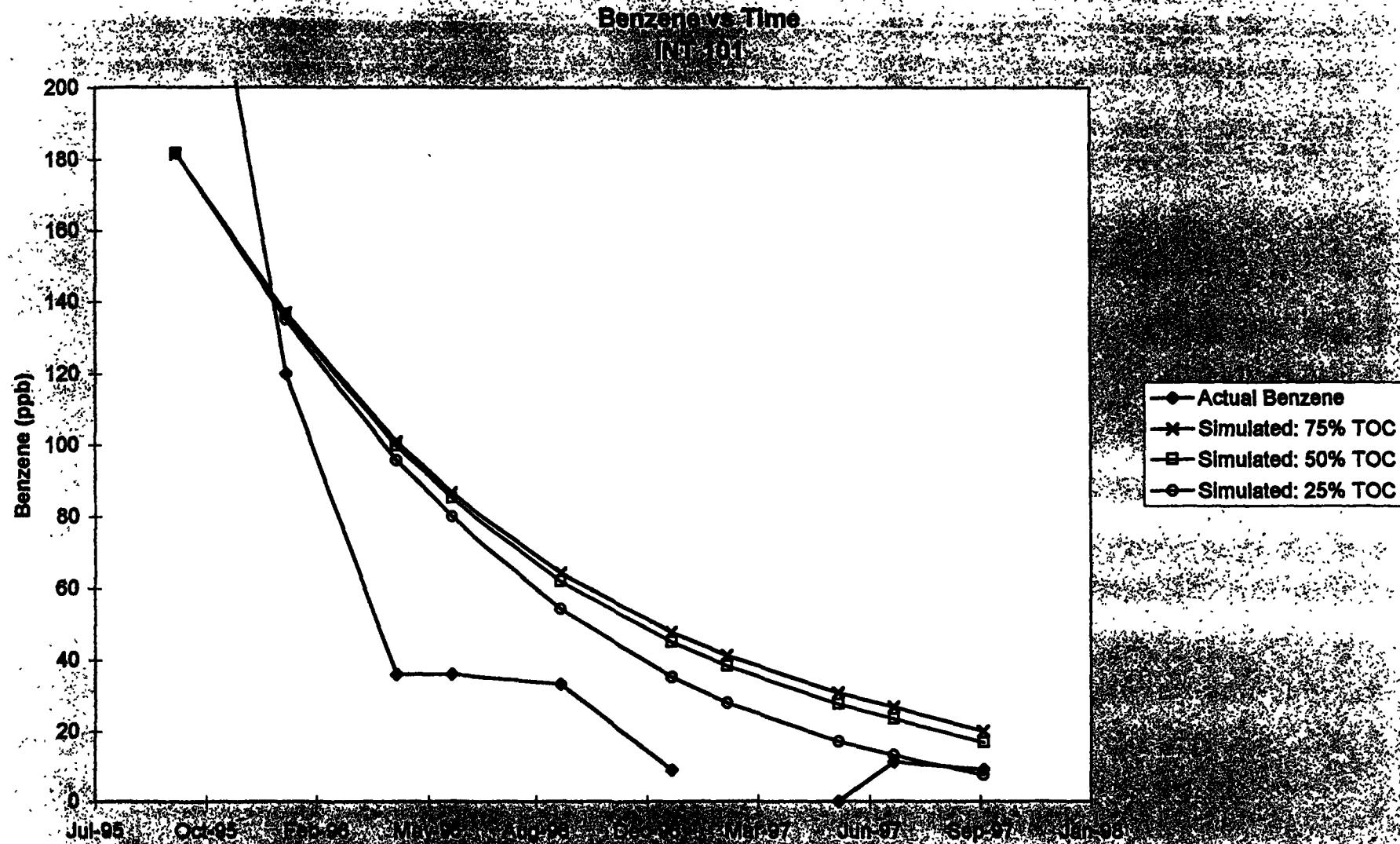
Table 2 - Top of casing elevation (feet MSL)

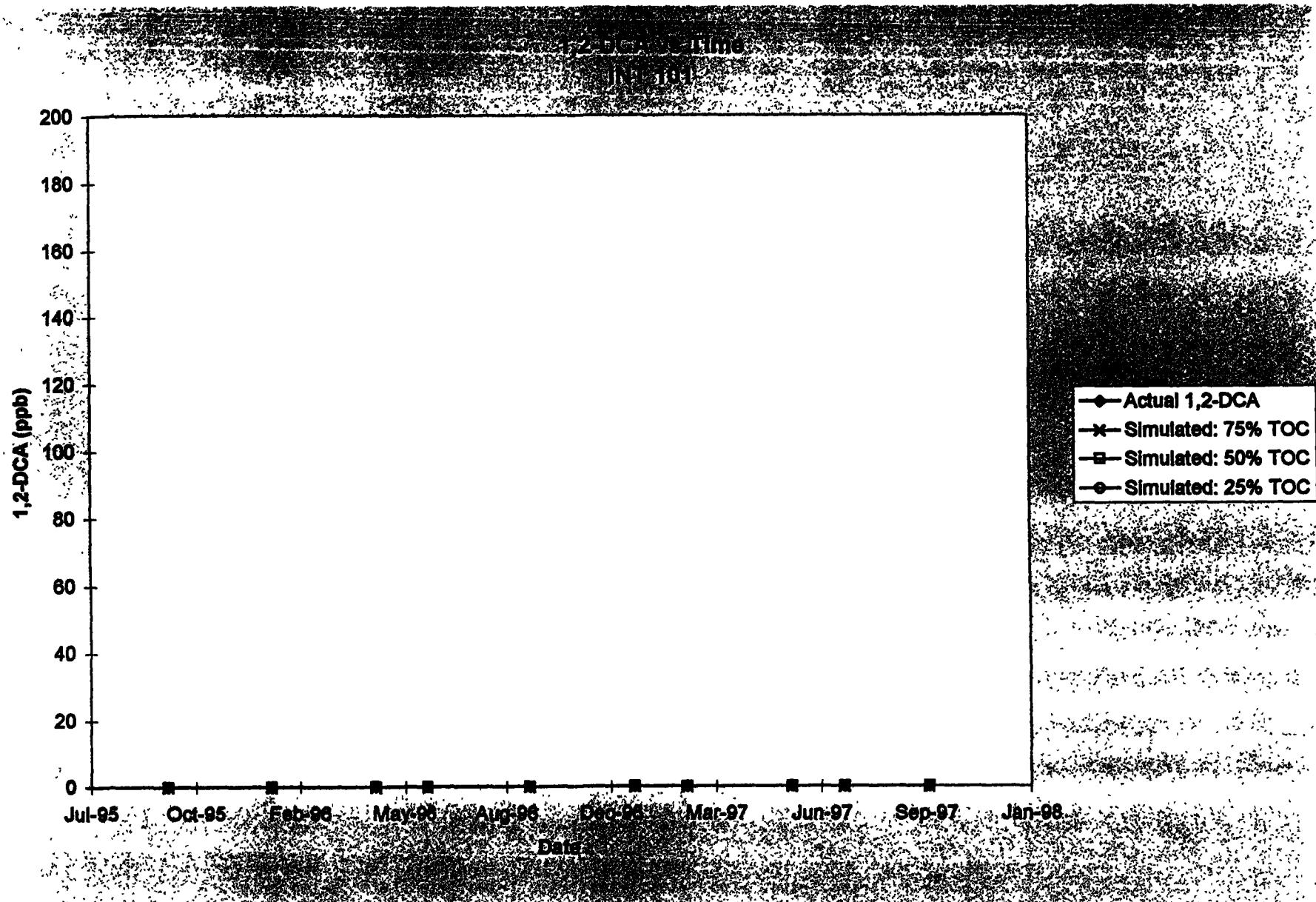
Post-operational groundwater levels
Table 3 - Water elevation (feet MSL)

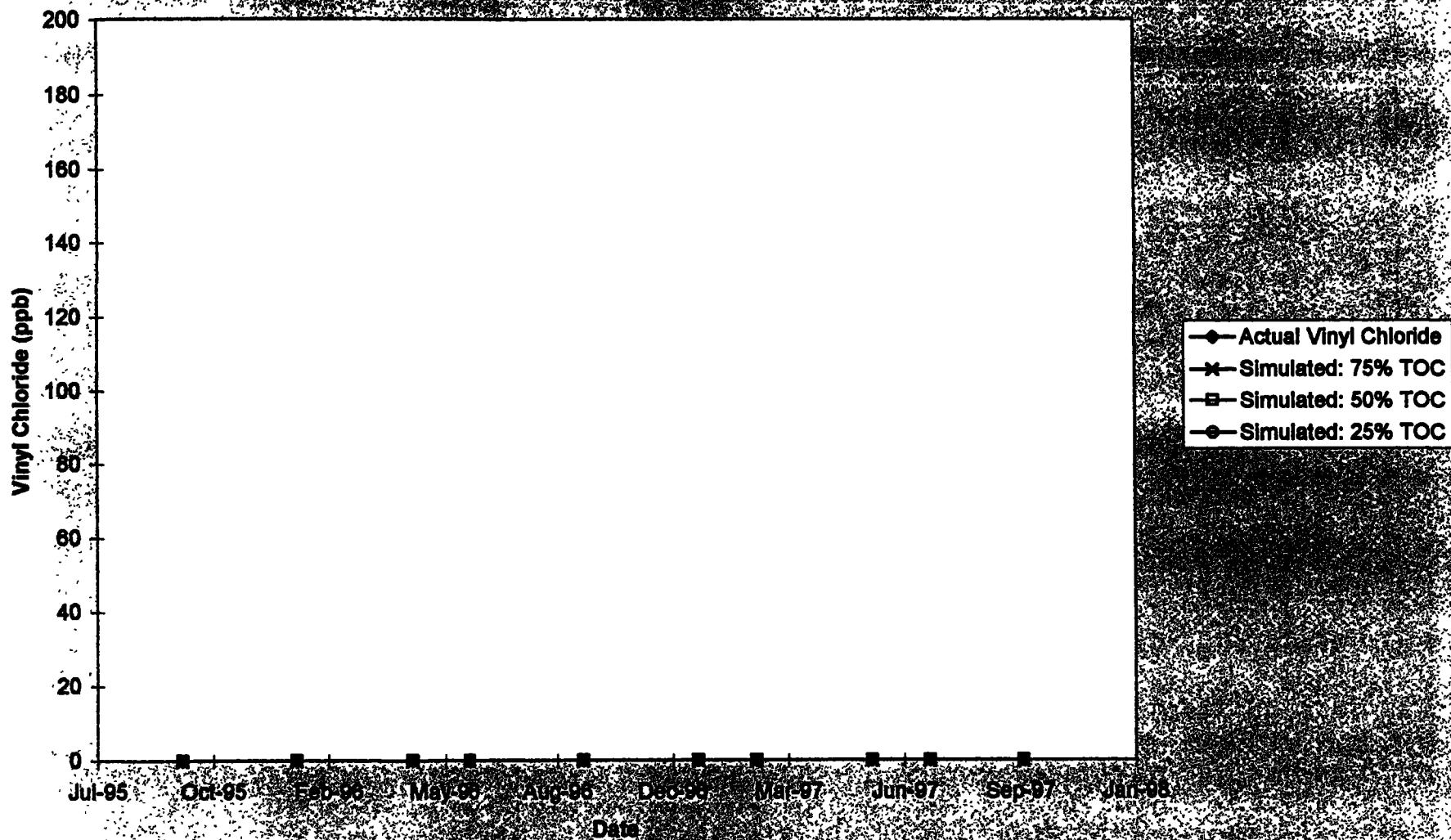
Well/gauge/date	4/8-12/96	7/10-16/96	8/8/96	10/7/96	11/18/96	12/9/96	1/20-24/97	2/13/97	3/22/97	4/14/97	5/31/97	7/14/97	8/18/97	9/11/97	10/1/97	Average since 5/31/97	
South Pond			7.80			9.23		9.38	9.44		9.65	9.08	9.16	9.34	9.46	9.34	
East Slough									9.96		9.40	9.26	8.80	7.86	8.96	8.82	
FLTG-13	9.07	8.77	8.82	8.44	8.33	8.55	8.82	10.98	10.34	10.18	10.45	8.95	7.82	7.27	7.94	8.49	
FLTG-14	9.10	8.66	7.08	8.74	8.55	8.84	8.85	11.06	10.27	10.17	10.43	9.12	7.94	7.28	7.87	8.53	
JNT-22	8.84	8.62	7.71	8.98	8.79	8.92	8.39	10.18	10.47	10.15	10.42	8.59	9.00	8.79	8.38	9.44	
INT-26	8.35	8.27	7.77	8.86	9.06	8.26	8.77	10.23	9.81	9.73	10.00	9.18	9.10	9.28	9.56	9.42	
INT-59-P2	8.88	8.18	7.76	8.15	8.85	9.16	9.55	10.19	8.76	9.58	9.85	9.11	8.89	9.14	8.46	9.33	
INT-60-P3	8.82	8.14	7.68	8.82	8.48	9.12	8.89	10.26	9.81	10.02	9.05	8.80	9.03	9.40	9.28		
INT-101	8.85	8.61	8.20	7.87	7.10	7.43	8.16	8.79	8.12	8.74	9.03	8.20	7.49	7.18	7.90	7.96	
INT-106	8.52	7.99	8.80	8.80	8.31	8.78	8.99	10.77	10.12	11.23	10.71	8.71	7.88	7.88	8.81	8.82	
INT-108	8.56	8.23	7.60	8.64	8.82	8.09	8.96	10.42	8.98	9.72	10.25	8.88	8.78	8.84	9.41	9.27	
INT-118	9.20	8.67	8.20	9.58	8.91	8.92	8.46	10.30	11.33	10.88	11.85	10.32	9.45	8.91	8.77	10.00	
INT-120	8.43	5.90	7.52	8.77	8.66	8.96	10.16	10.45	10.15	9.86	10.36	9.04	8.64	8.74	8.30	9.22	
INT-123	8.20	8.15	7.18	8.85	8.44	8.81	10.18	10.56	10.40	9.99	10.59	8.94	8.28	8.31	9.05	9.04	
INT-127	8.48	7.84	7.22	8.79	8.52	9.00	10.18	10.61	10.46	9.68	10.38	8.83	8.38	8.45	8.22	8.07	
INT-130R		7.89	8.78	8.79	8.23	8.66		10.64	10.54	9.74	10.44	8.72	7.83	7.77	8.70	8.71	
INT-130RS		7.68	8.75	8.78	8.22	8.64		10.63	10.48	10.03	10.54	8.72	7.90	7.77	8.66	8.72	
INT-134	7.91	5.52	4.76	5.13	5.89	3.82	6.75	7.34	7.74	7.42	7.81	6.71	6.21	6.70	6.34	6.51	
INT-135	4.68	5.33	4.52	5.87	2.58	5.78	6.40	7.08	7.59	7.24	7.42	6.48	5.72	5.53	6.15	6.28	
INT-144	5.83	2.38	2.10	3.21	3.18	3.30	3.72	4.37	5.07	4.98	4.88	3.73	2.98	2.85	3.40	3.56	
INT-147														8.91	8.21	8.31	8.81
INT-148													6.43	5.80	5.31	6.06	5.85
INT-149													6.63	4.66	4.52	5.05	5.22
INT-150													9.21	8.98	9.08	9.46	9.19
INT-151													8.72	8.85	8.82	8.20	8.90
INT-152													8.12	8.82	8.71	9.03	8.62
INT-153													8.25	8.40	8.38	8.84	8.49
INT-154													7.72	7.33	7.17	8.19	7.60
INT-155													8.87	8.53	5.98	6.60	6.50
INT-156													7.75	7.74	8.06	7.85	
INT-214	8.13	8.41	7.70	8.80	8.86	8.85	8.41	10.18	10.21	8.82	10.21	8.46	9.04	9.00	8.45	9.43	
INT-217	7.43	8.66	8.58	7.88	7.78	7.88	8.53	9.01	8.31	9.00	9.21	8.35	7.85	7.78	8.23	8.28	
INT-233	8.08	8.56	7.73	8.80	8.84	9.00	8.48	10.26	10.23	9.88	10.28	9.53	9.13	9.02	9.50	9.49	
P-5	8.71	8.17	7.74	8.51	8.87	8.20		10.25	9.78	9.62	10.00	9.10	9.00	9.20	9.53	9.37	
P-6	5.98	9.38	8.26	8.45	9.02	8.74		14.41	10.24	9.83	14.18	10.61	10.14	9.80	9.64	10.88	
S1-31	5.57	8.64	7.80	9.00	9.28	9.08	9.64	10.35	8.32	10.03	10.41	8.80	9.19	9.15	9.62	9.59	
S1-33	7.88	9.06	8.05	8.35	8.07	9.18	8.74	10.63	10.80	10.56	10.95	10.02	9.45	9.20	8.81	8.88	
S1-51-P3	8.73	8.20	7.79	8.55	8.99	9.18	9.61	10.19	8.75	9.57	9.92	8.12	9.06	9.22	9.51	9.36	
S1-64	8.75	8.20	8.02	9.00	7.96	8.56		10.67	9.56	9.38	9.81	8.08	8.16	7.63	8.58	8.65	
S1-105	9.13				8.43	8.77		10.99	10.44	10.35	10.56	8.95	7.69	8.48	8.82		
S1-106A	8.48	8.05	8.84	8.84	8.41	8.85	10.52	10.91	10.82	10.35	10.85	8.74	8.00	8.02	8.93	8.91	
S1-106R		7.81		8.82	8.22	8.72	10.93	11.19	10.91	10.51	11.06	8.45	7.61	7.45	8.50	8.61	
S1-108A	8.64	8.20	7.60	8.85	8.22	9.08	10.00	10.40	9.86	9.87	10.25	8.94	8.79	8.93	8.38	8.25	
S1-111	8.79	8.36	7.90	8.51	8.98	9.18	9.58	10.10	9.77	9.80	9.92	9.19	9.12	9.23	9.51	9.39	
S1-118	9.76	9.09	8.67	9.97	9.24	9.27	9.93	11.15	11.80	11.42	12.20	10.77	9.86	9.31	10.17	10.46	
S1-119	7.23	9.88	9.51	9.88	9.37	9.08		10.01	10.83	10.72	11.24	10.95	10.22	9.81	9.83	10.41	
S1-121	8.52	8.15	8.88	9.08	8.18	8.85	8.87	10.35	10.71	10.40	10.82	8.89	8.08	8.24	9.04	8.03	
S1-123	6.90	7.93	6.79	9.10	8.33	8.82	10.67	10.77	10.77	10.42	10.77	8.81	7.90	7.93	8.80	8.84	
S1-126	6.50	10.08	9.57	9.90	9.44	9.20		10.22	10.99	10.74	11.30	10.85	10.12	9.68	9.77	10.34	
S1-131	8.74	7.90	8.86	9.14	8.35	8.68	6.58	10.96	9.76	9.60	9.97	9.07	8.09	7.63	8.54	8.66	
S1-135	10.40	10.22	9.32	10.84	10.09	10.13	11.06	12.29	13.12	12.78	13.60	11.77	10.72	10.14	11.14	11.47	
S1-136										8.77		9.93	9.24	8.18	7.56	8.53	8.69
S1-138										8.52		9.79	9.11	8.21	7.63	8.62	8.67
S1-139										8.96		9.22	9.16	8.49	7.86	8.74	8.69
S1-140												8.36	8.76	8.75	9.30	8.79	
S1-141												7.51	7.80	7.37	8.15	7.66	
S1-142												7.83	7.27	6.68	7.59	7.34	
Average	8.08	7.89	7.34	8.84	8.28	8.56	9.31	10.24	9.96	9.83	10.24	8.81	8.27	8.07	8.69	8.81	

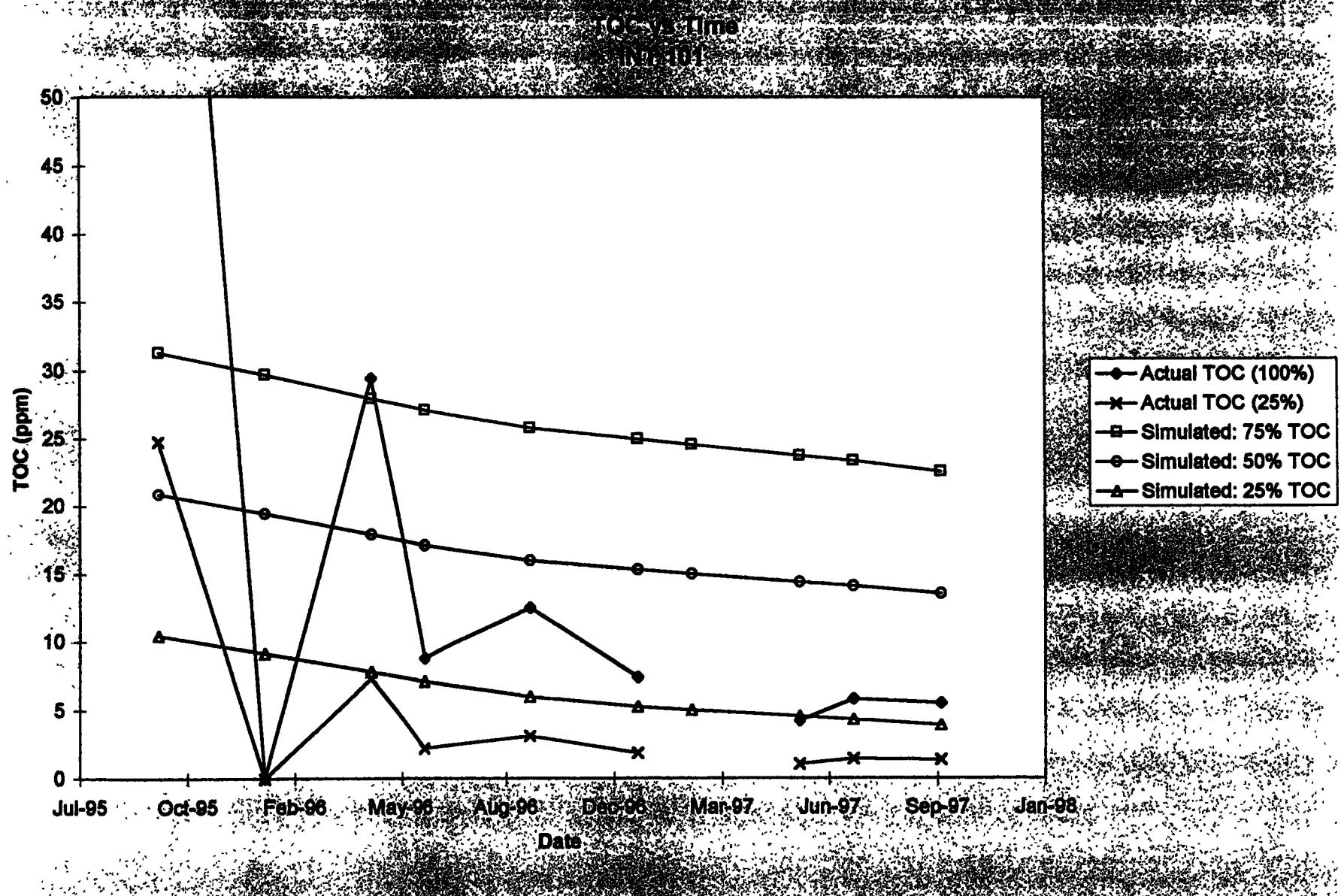
APPENDIX C

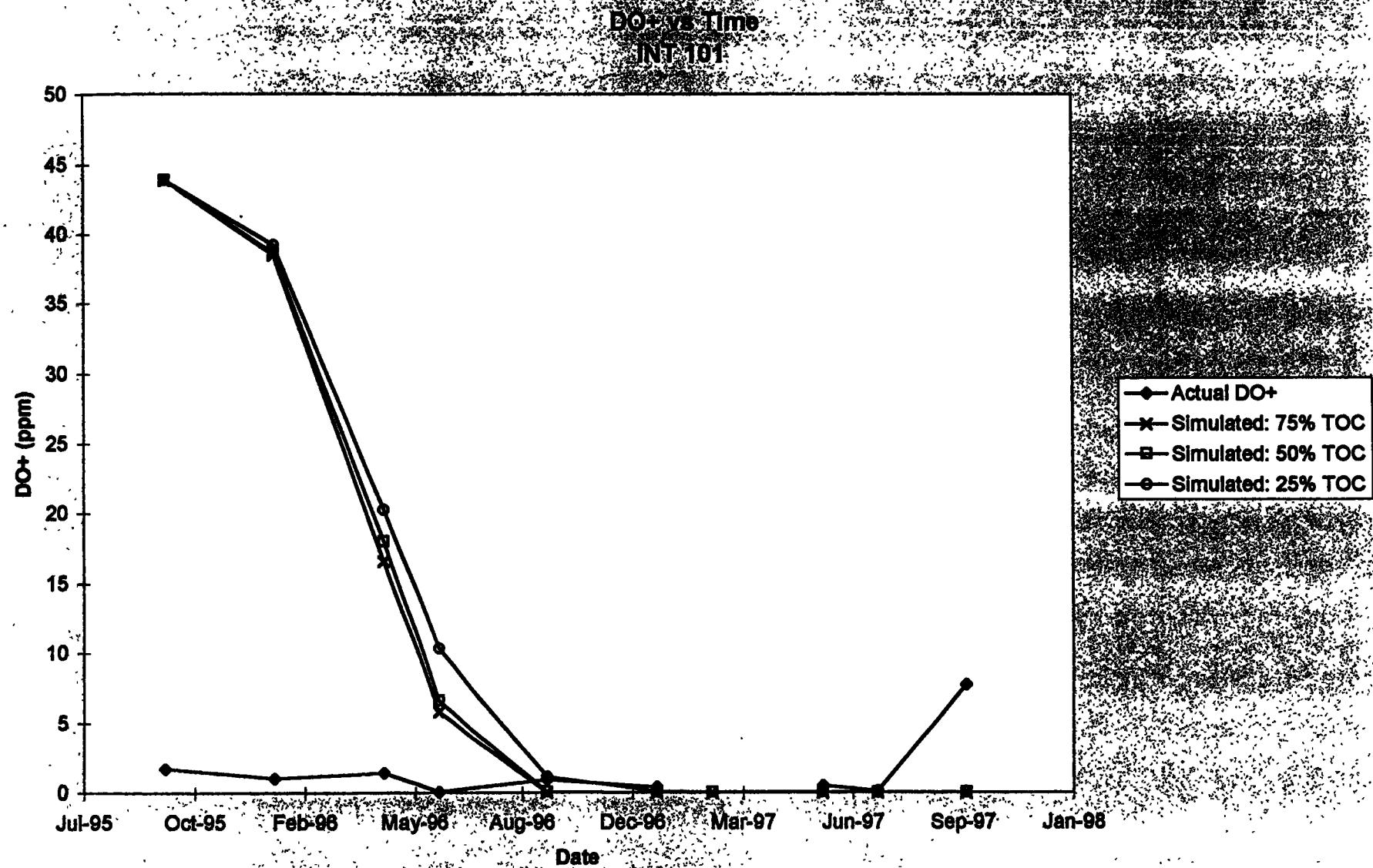
1997 model calibration results

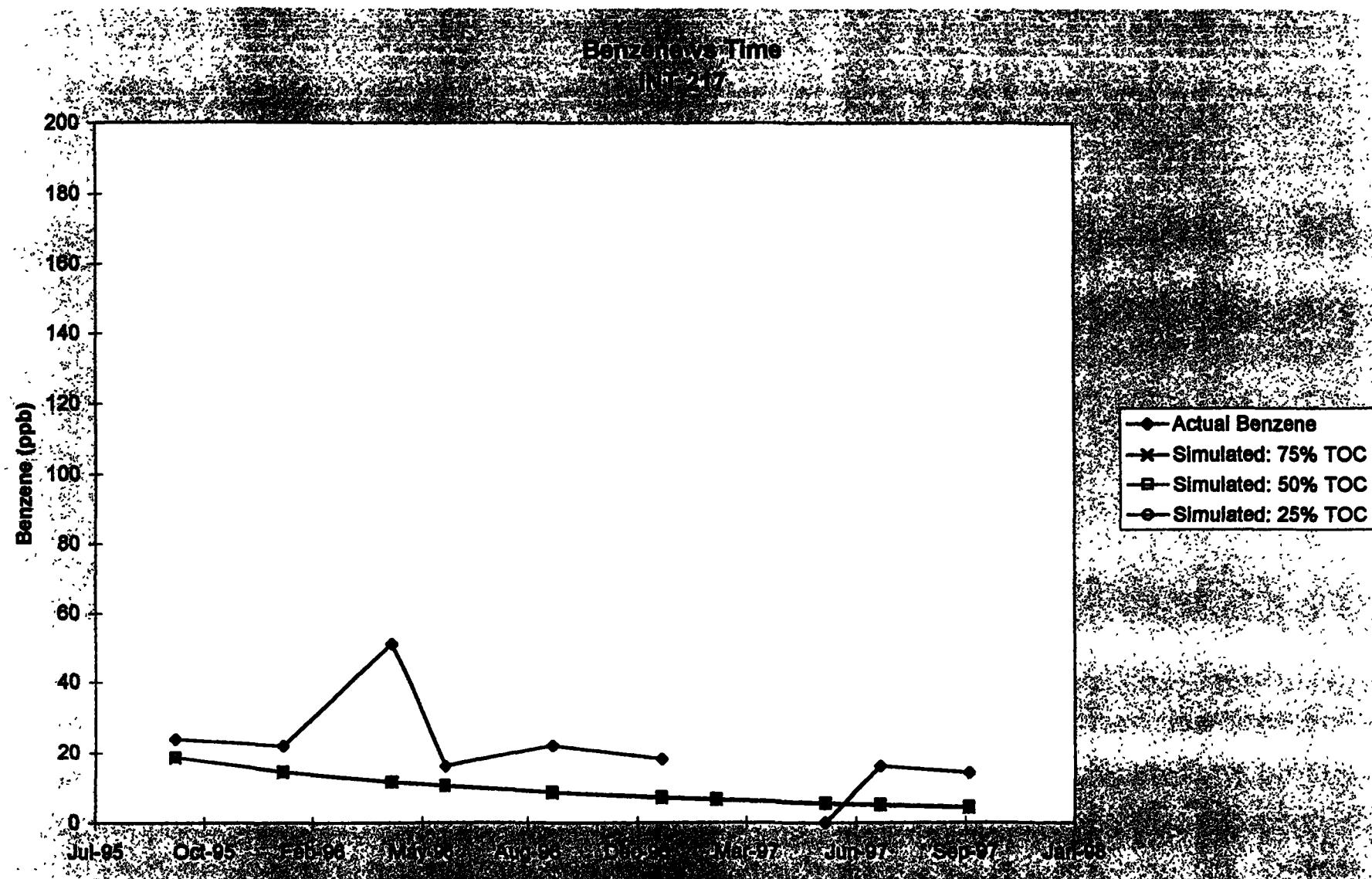


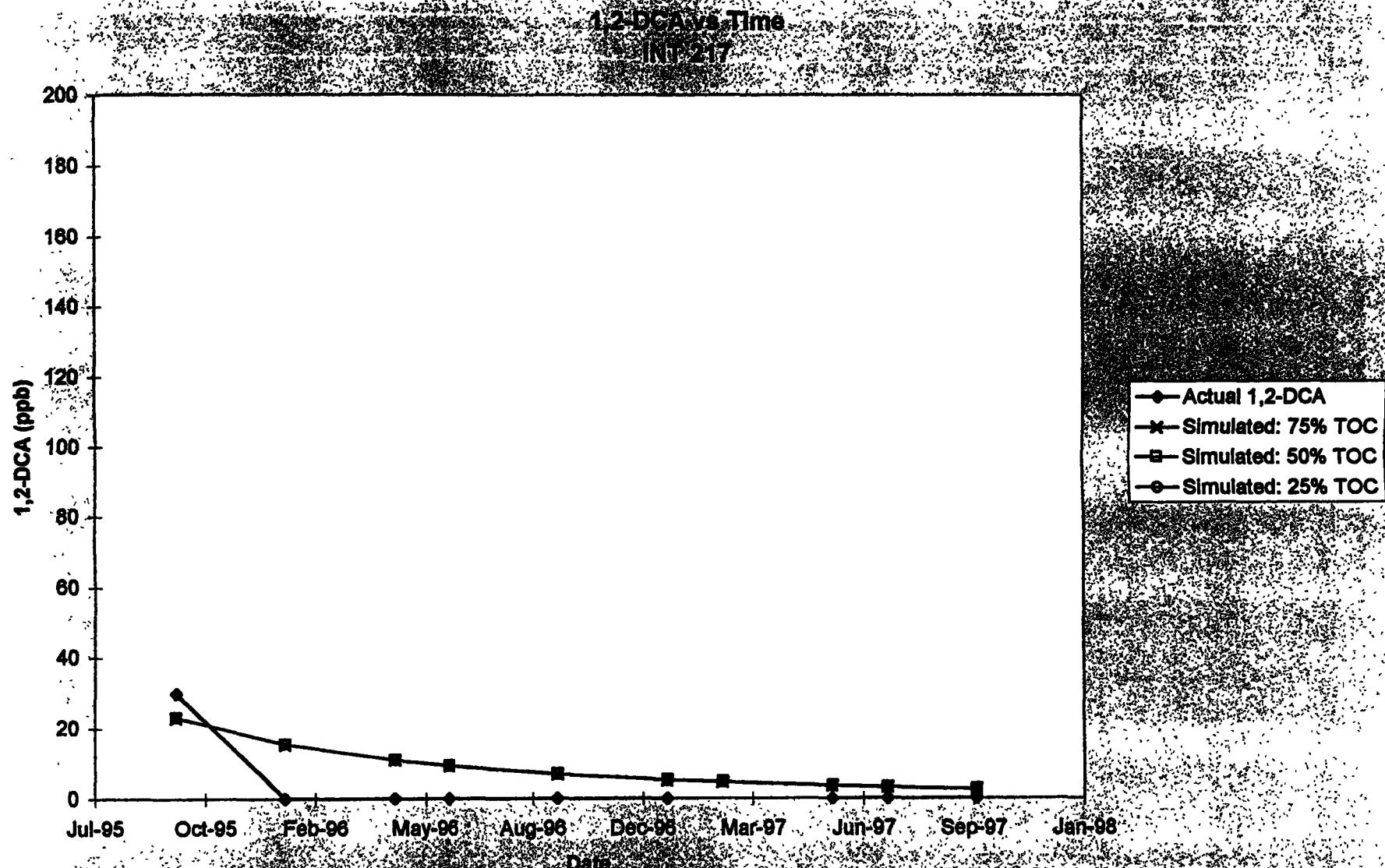


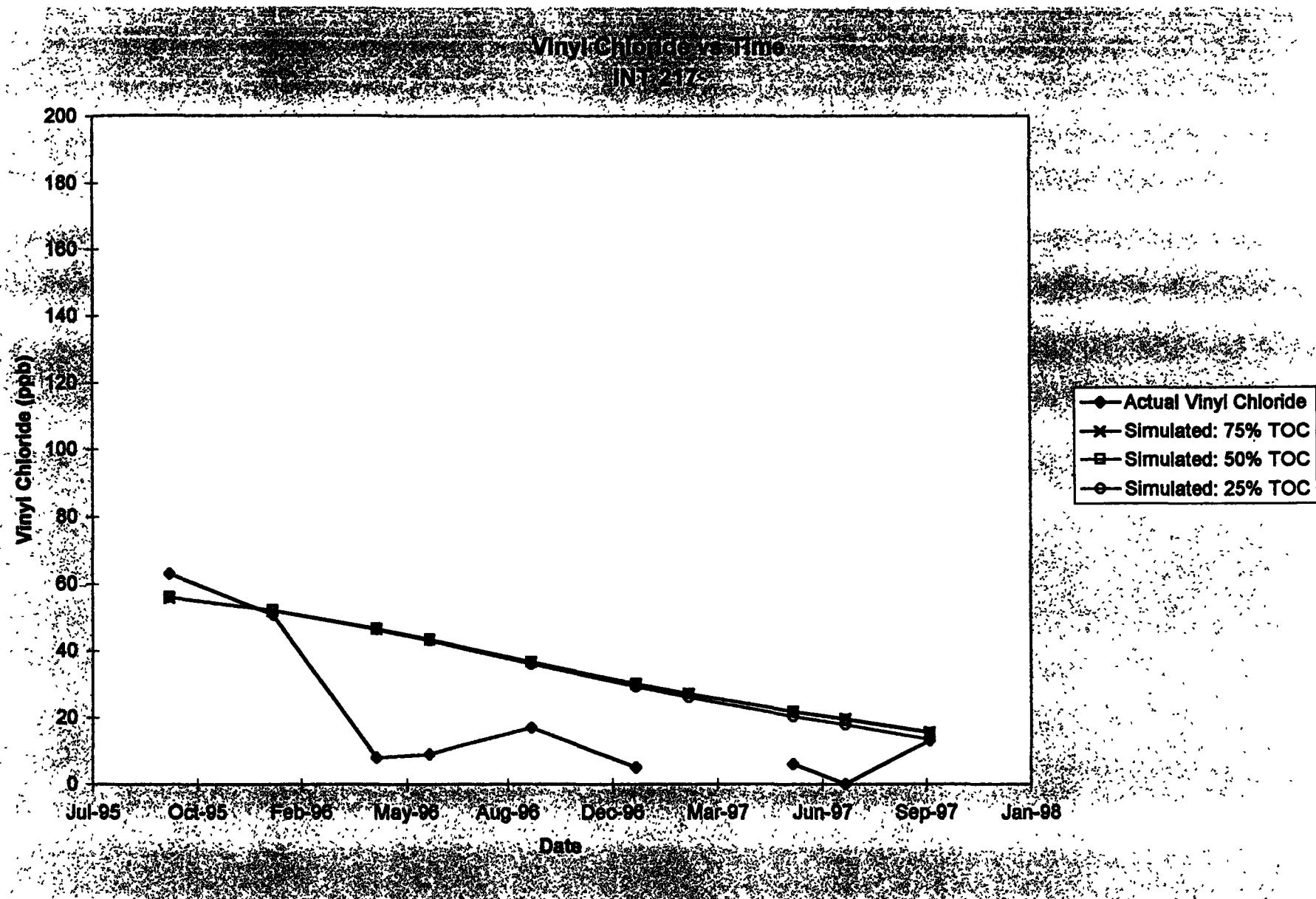


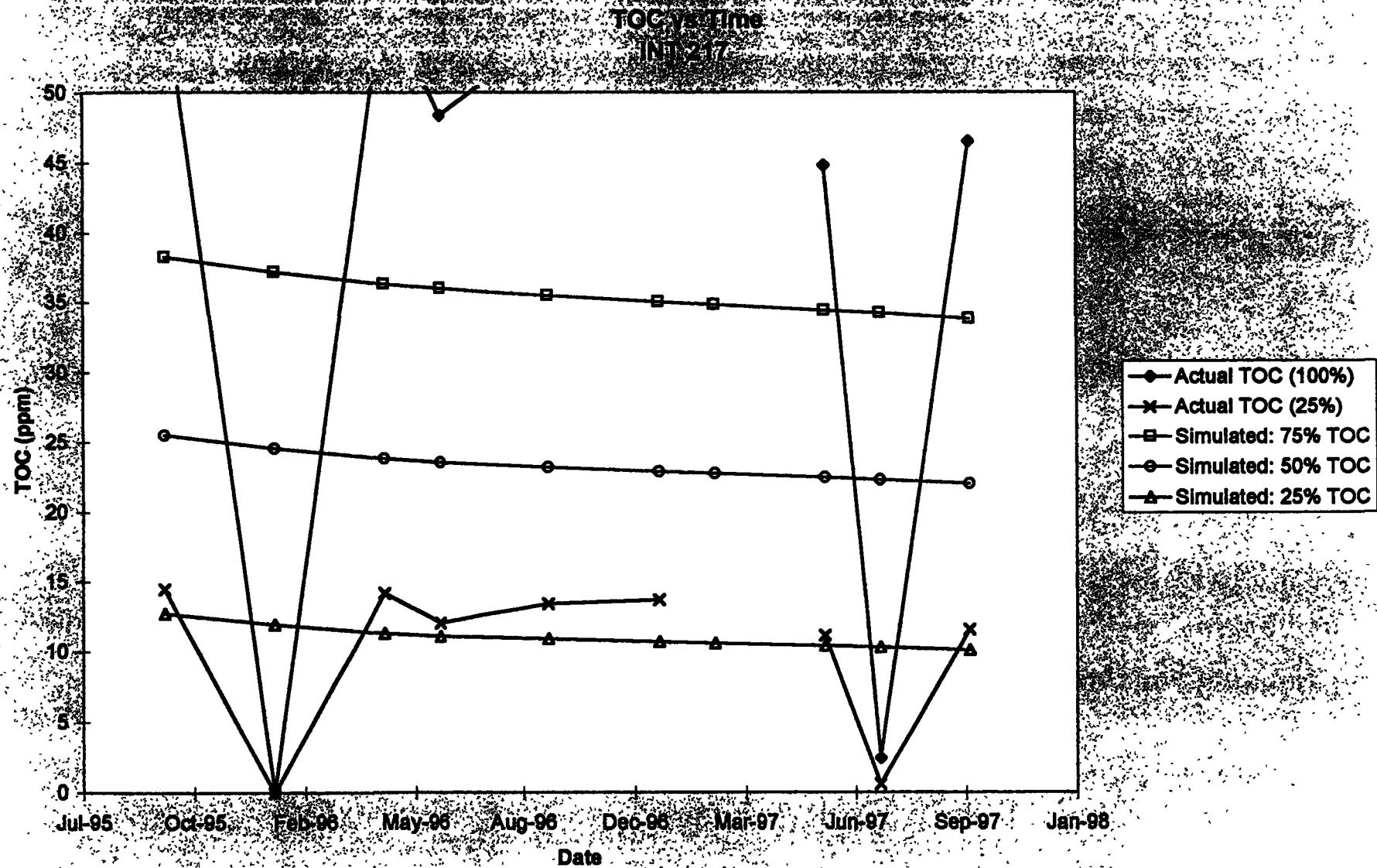


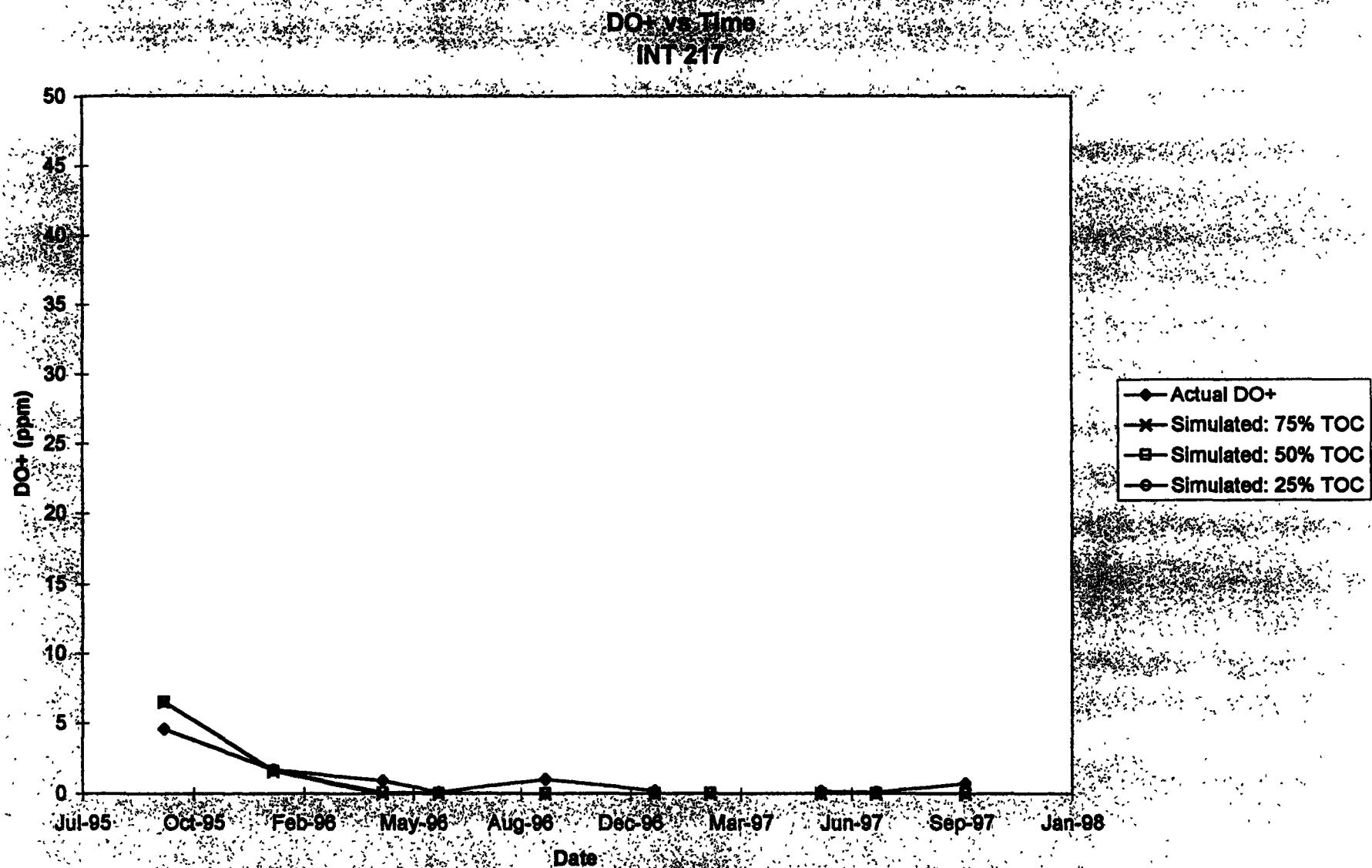


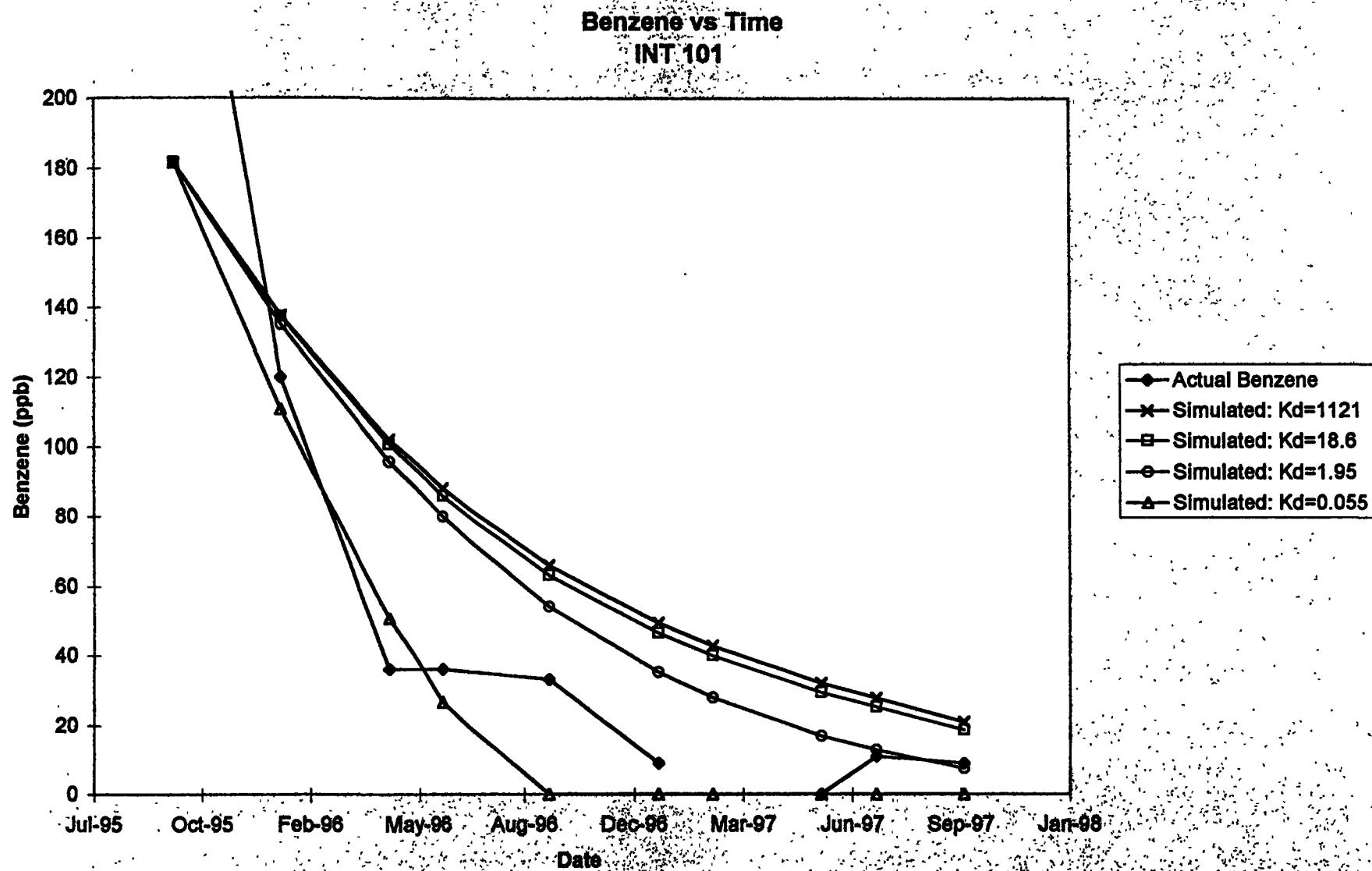


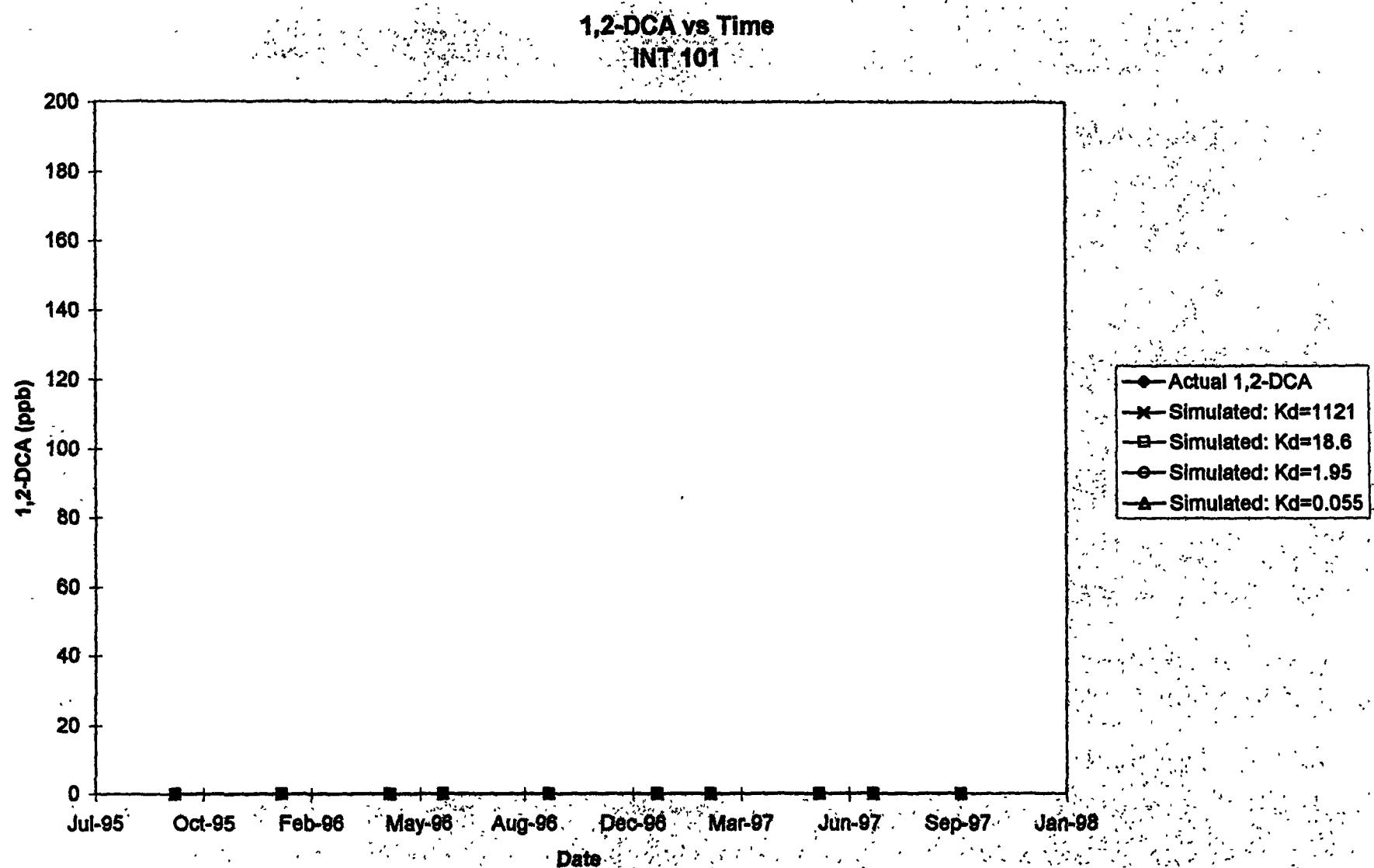


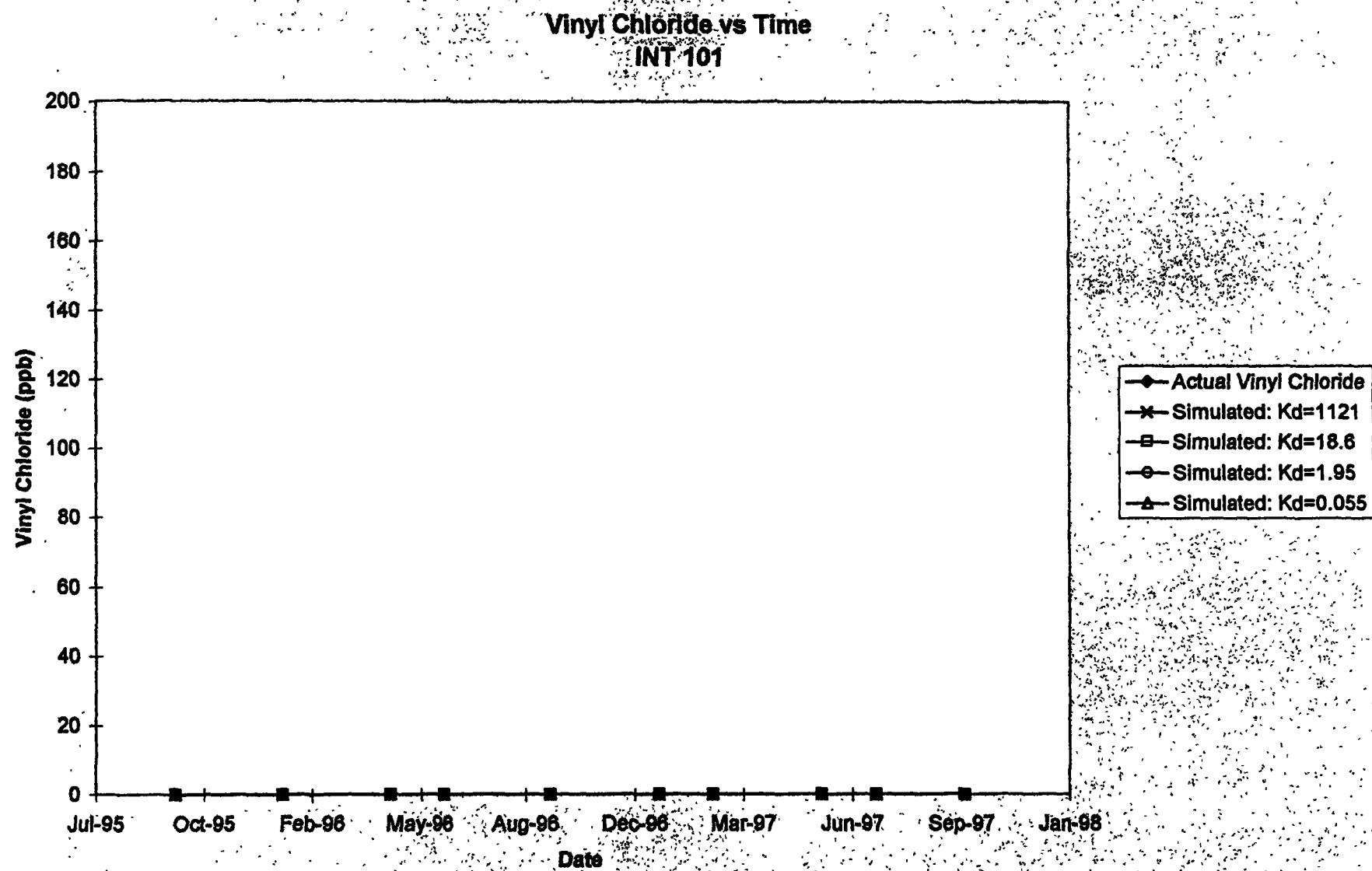




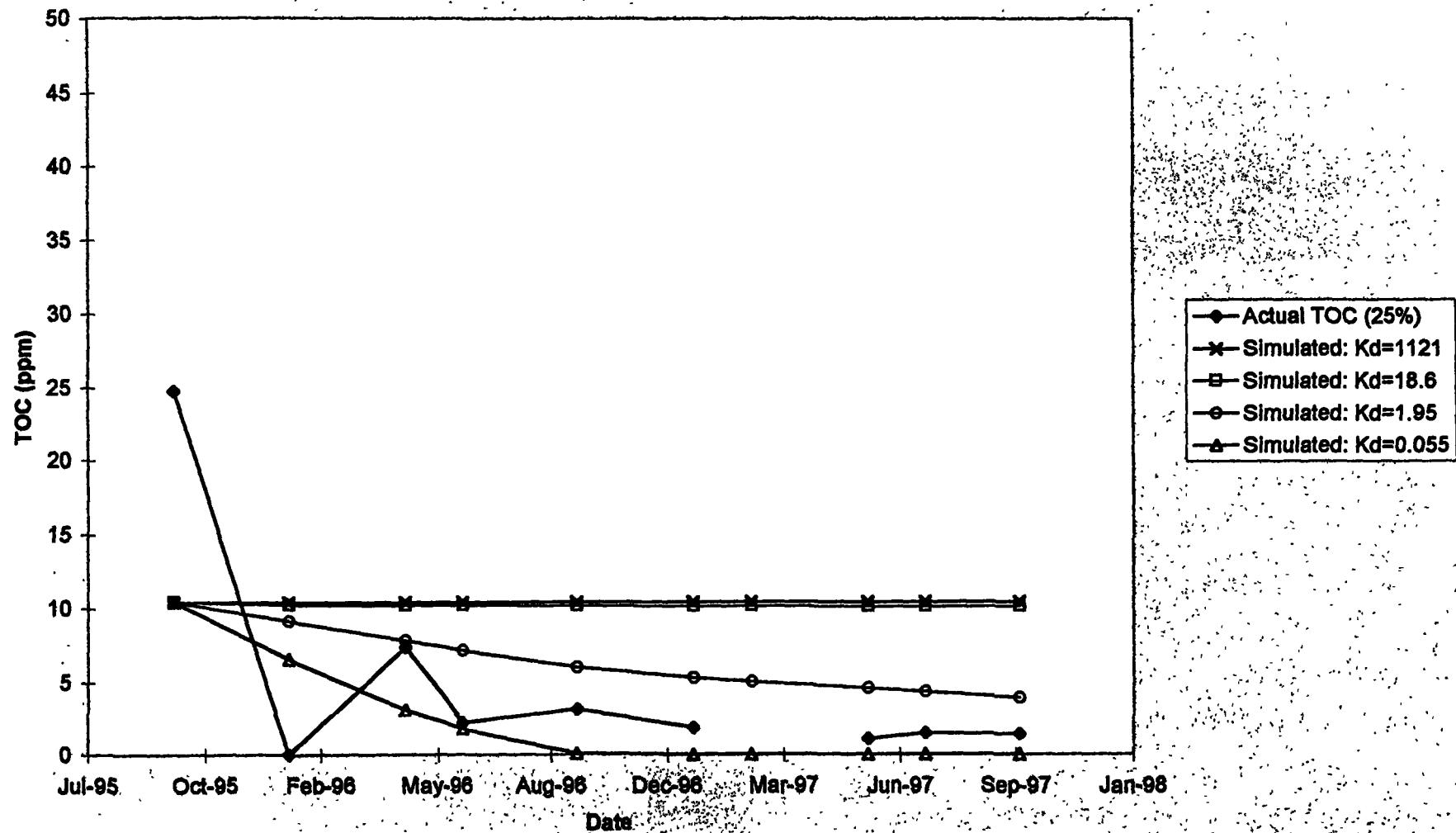


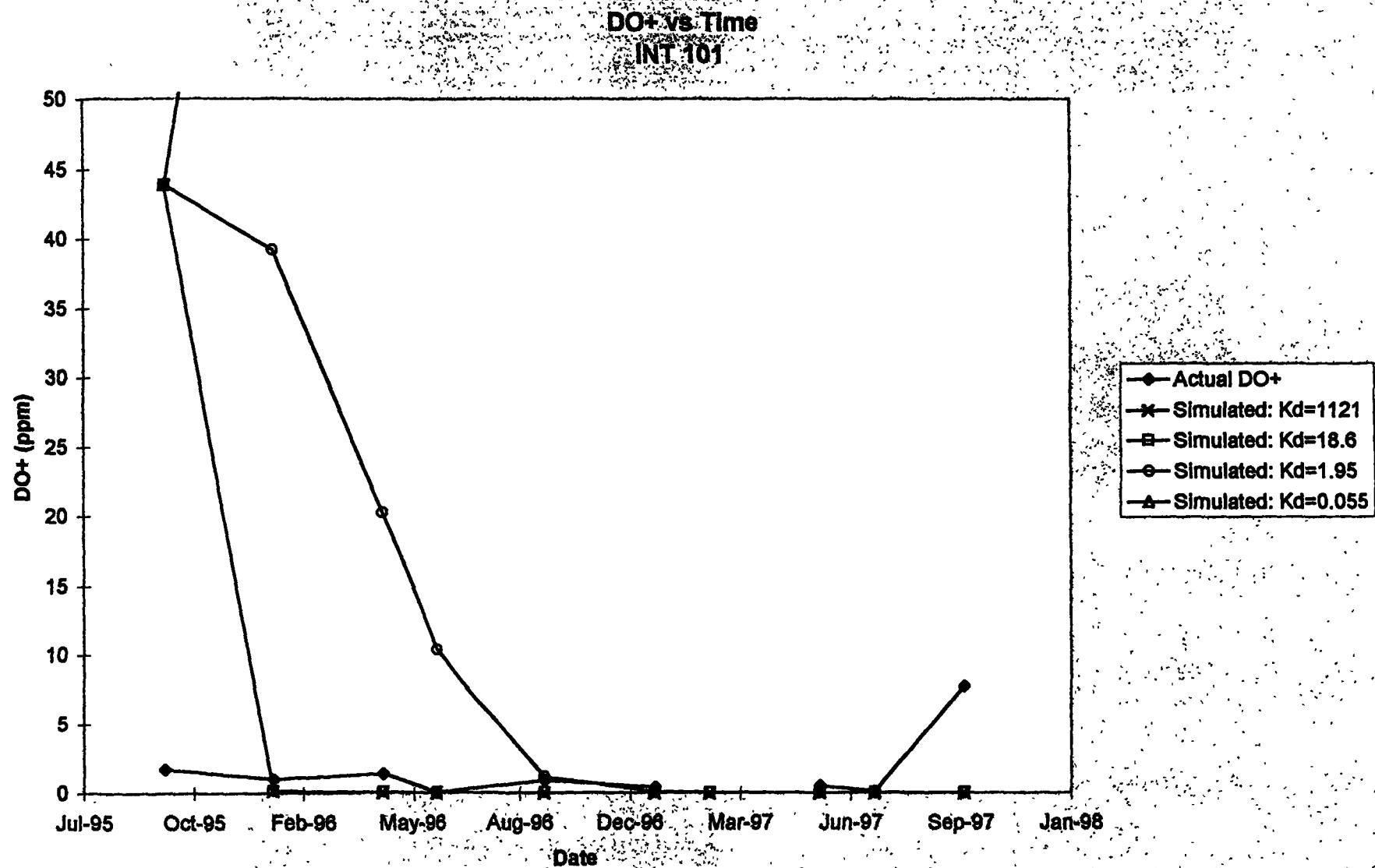


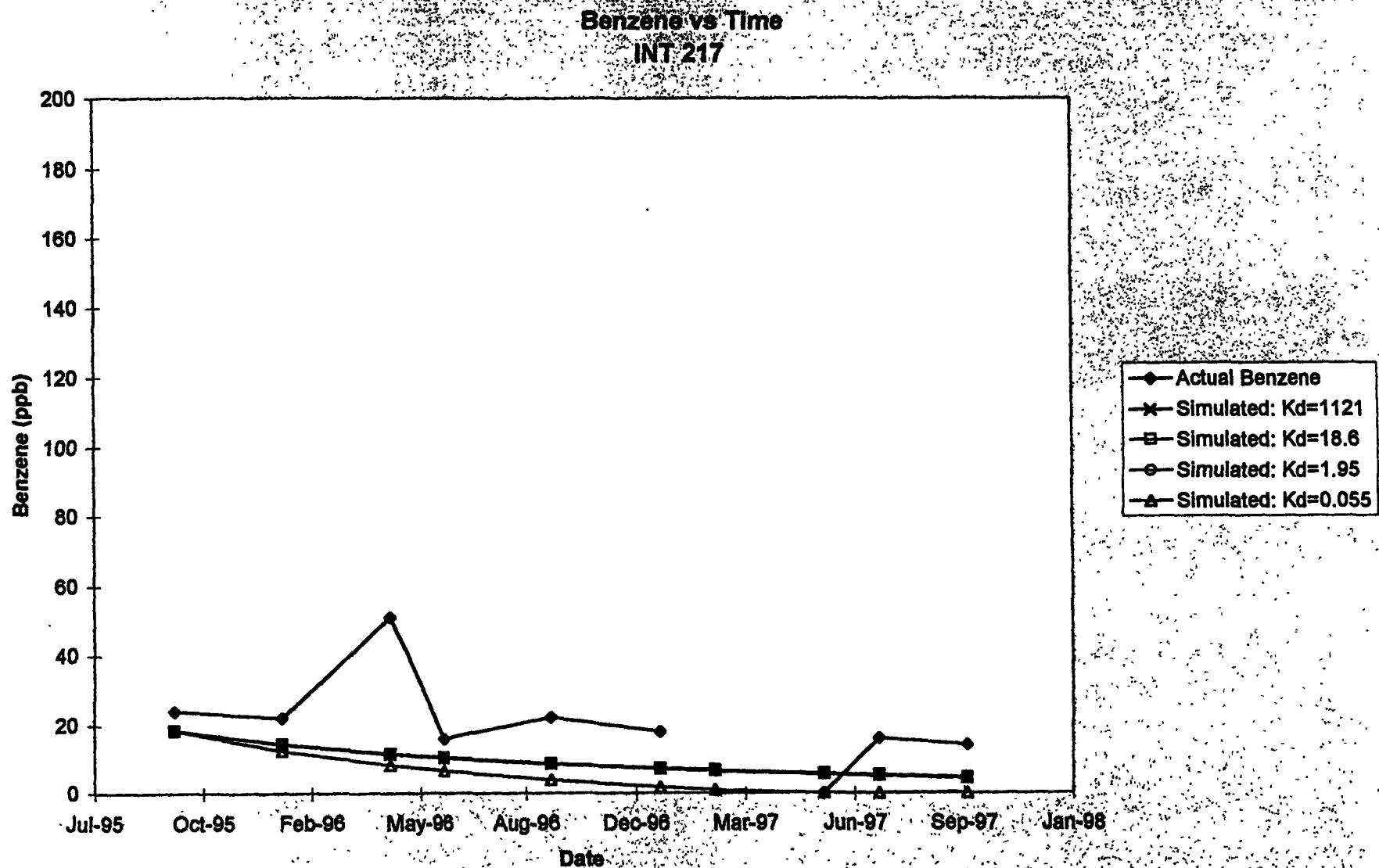




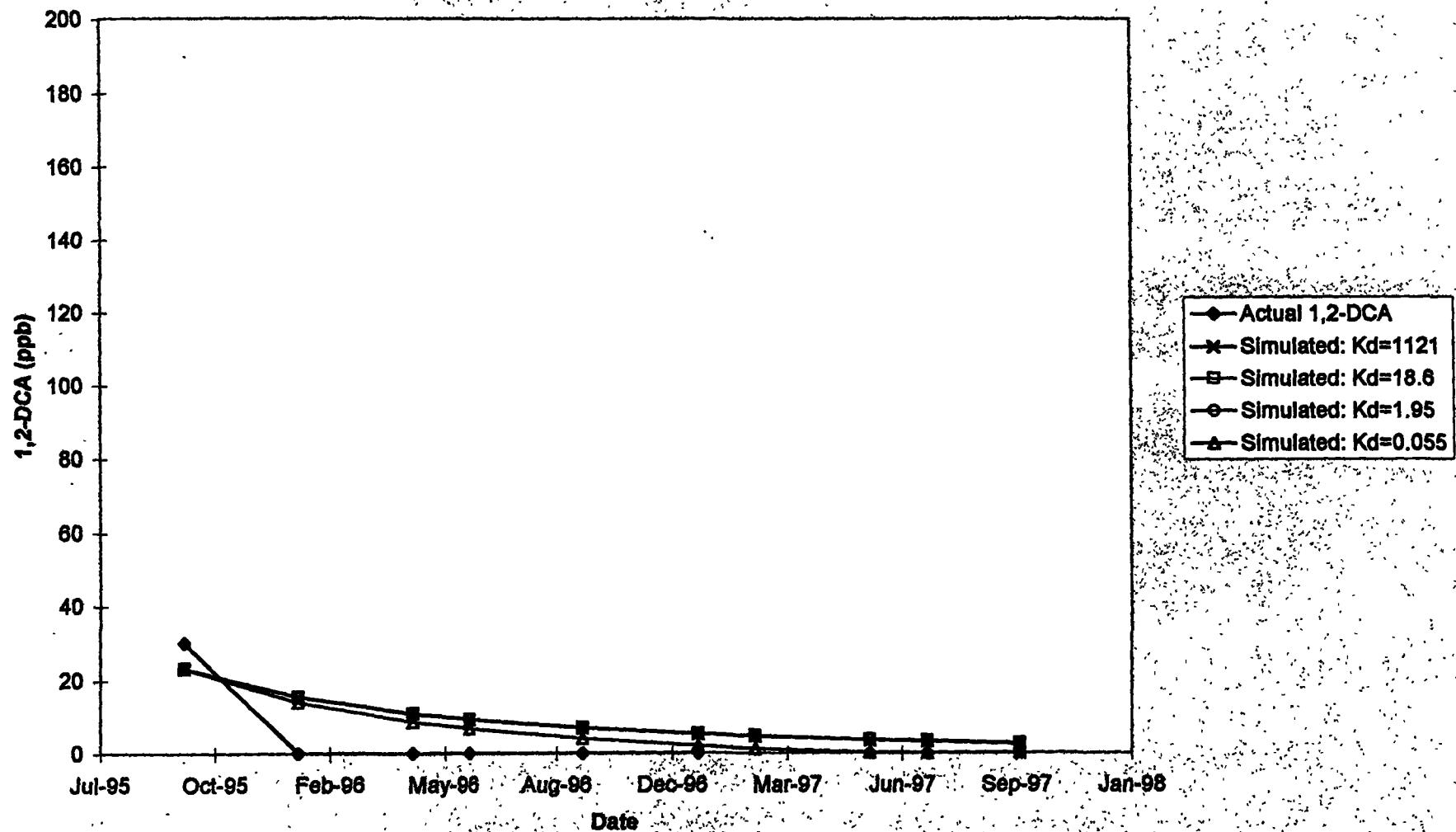
TOC vs Time
INT 101

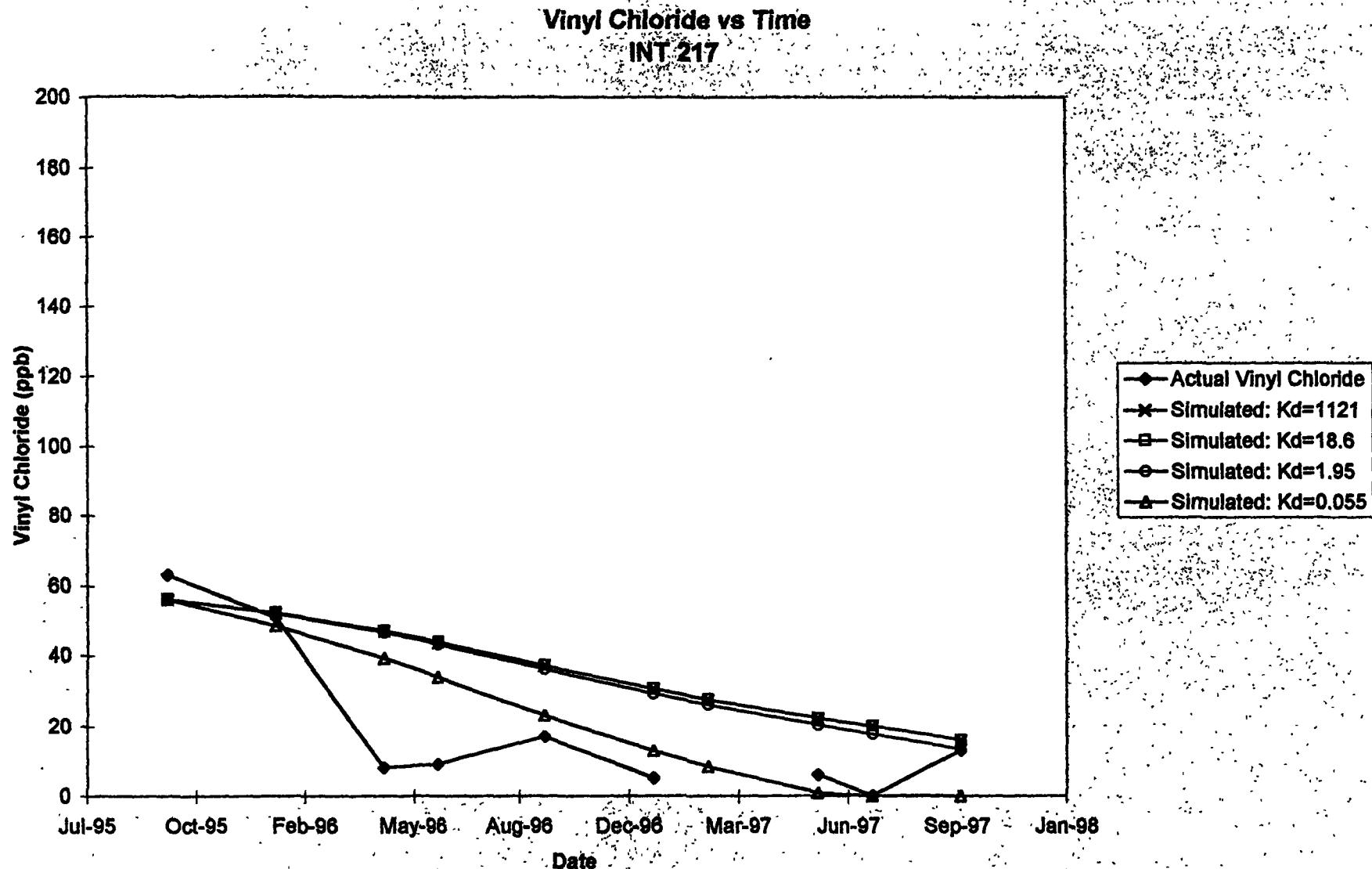


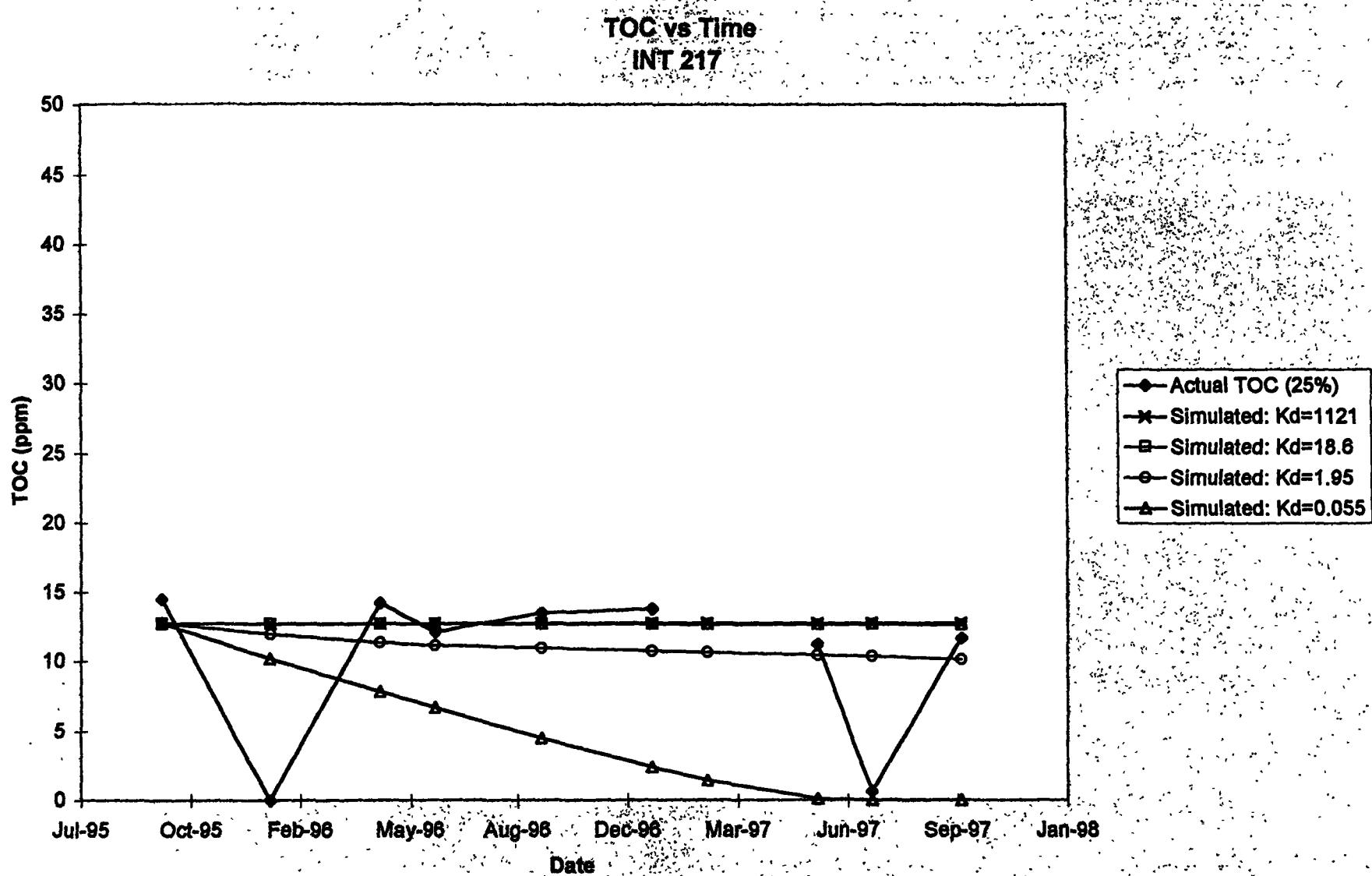


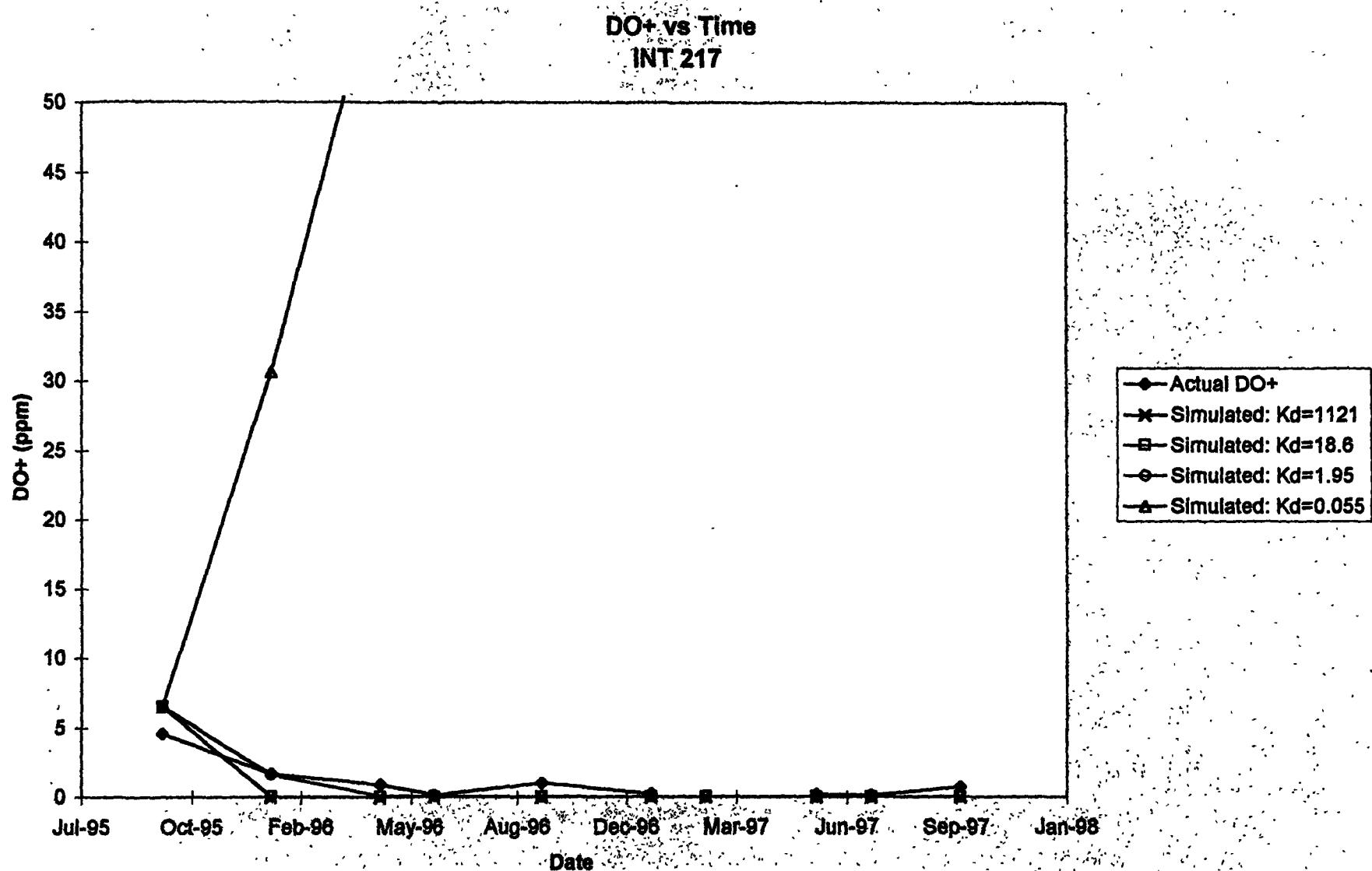


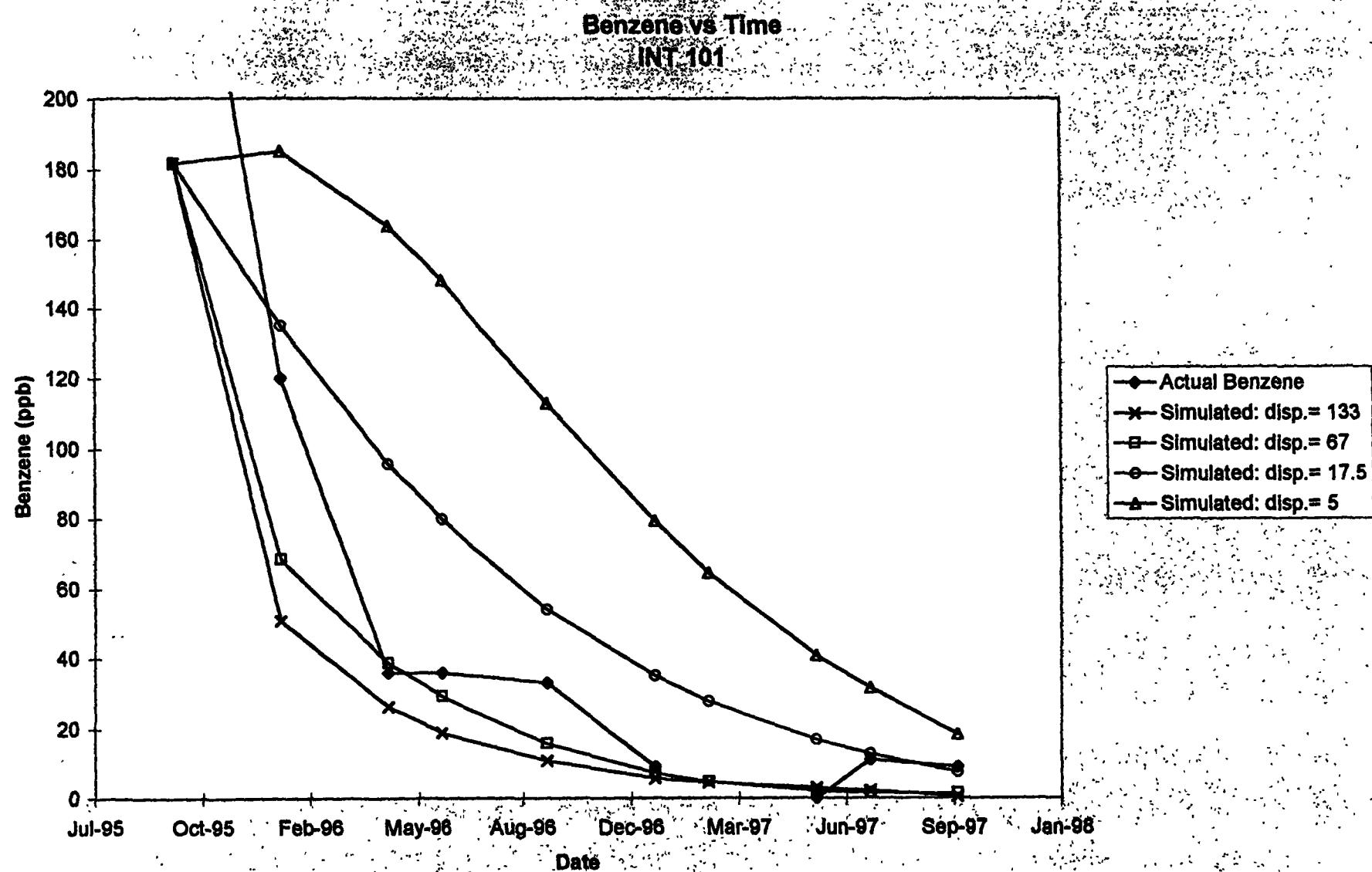
1,2-DCA vs Time
INT 217

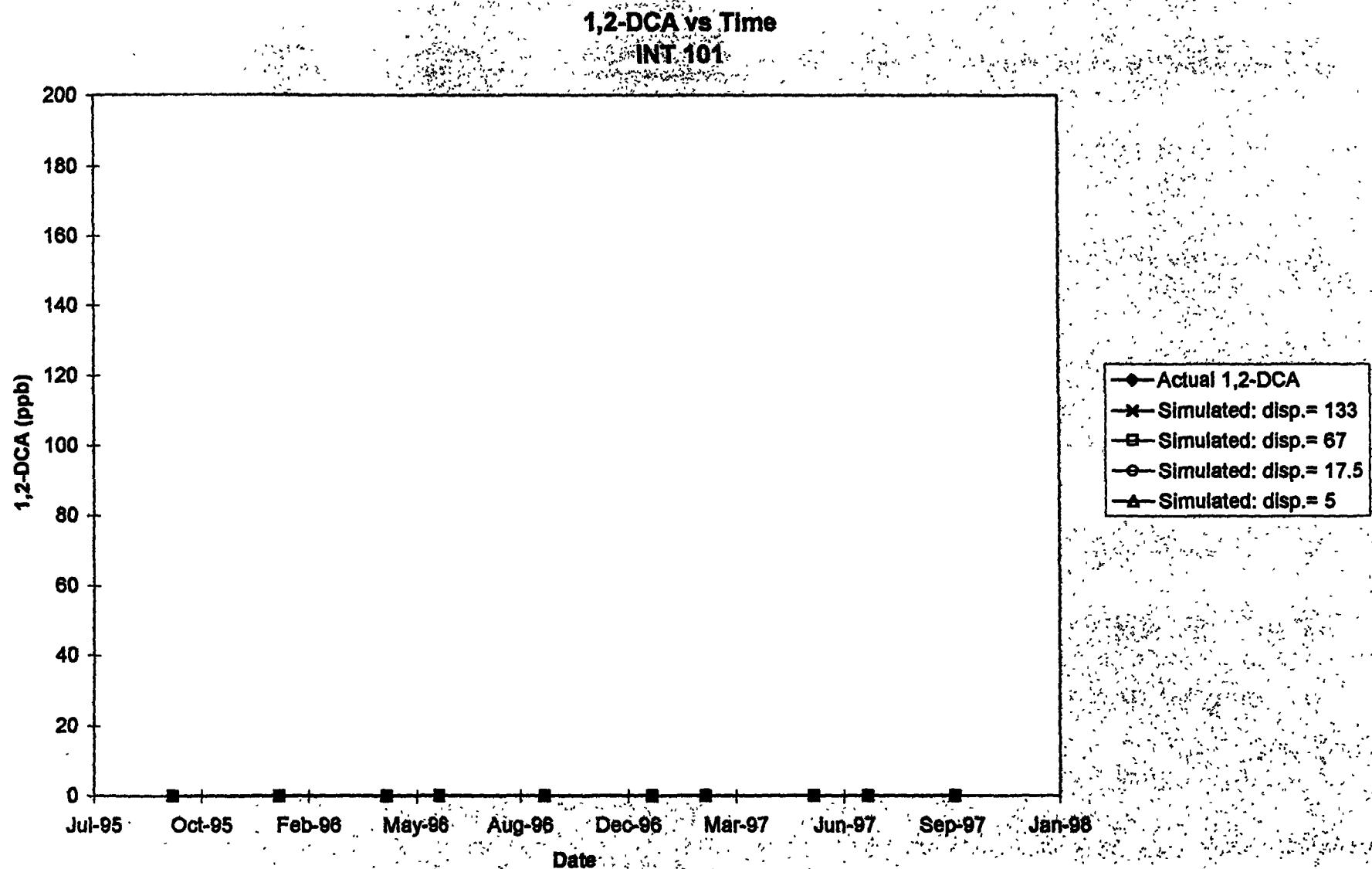


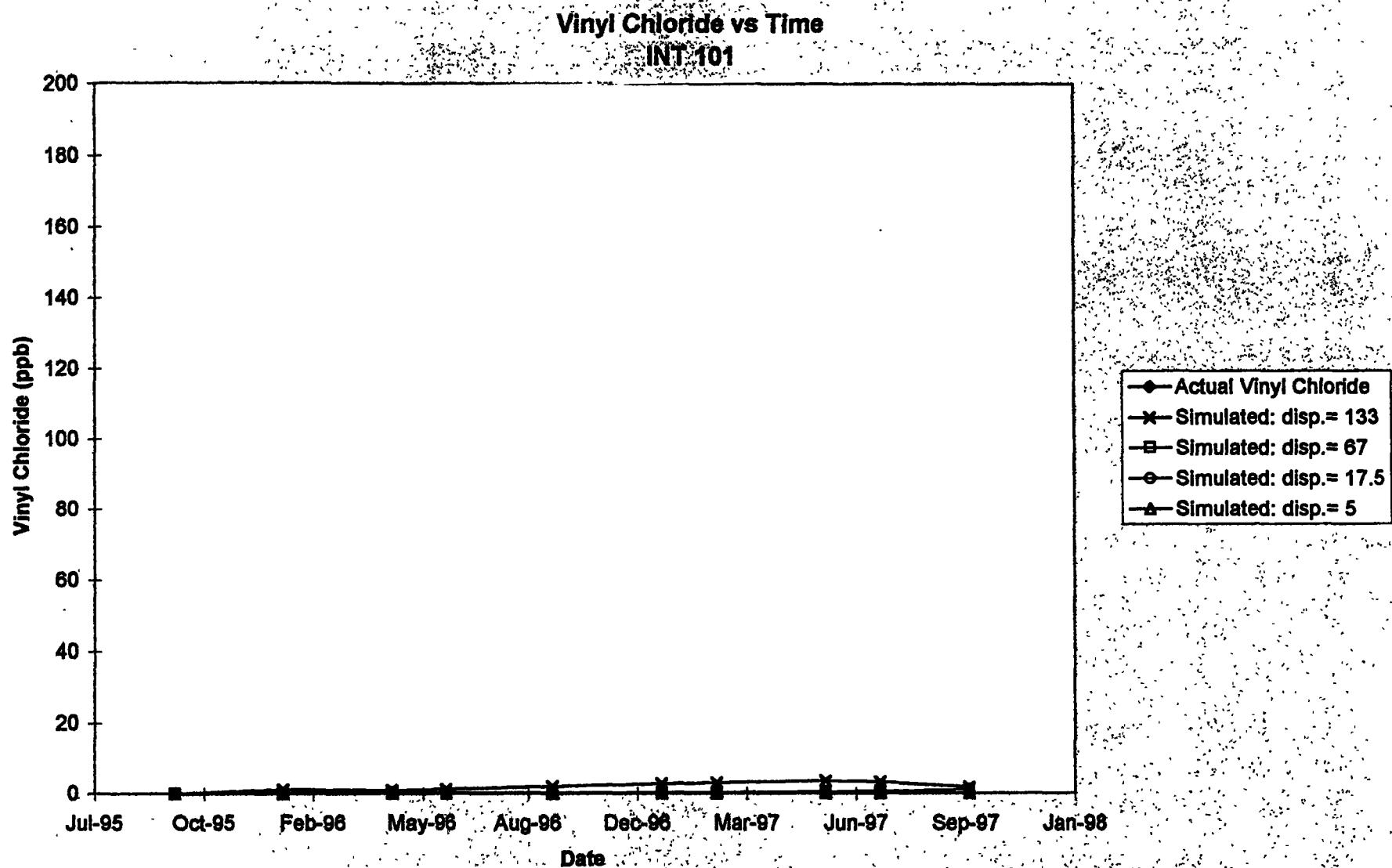


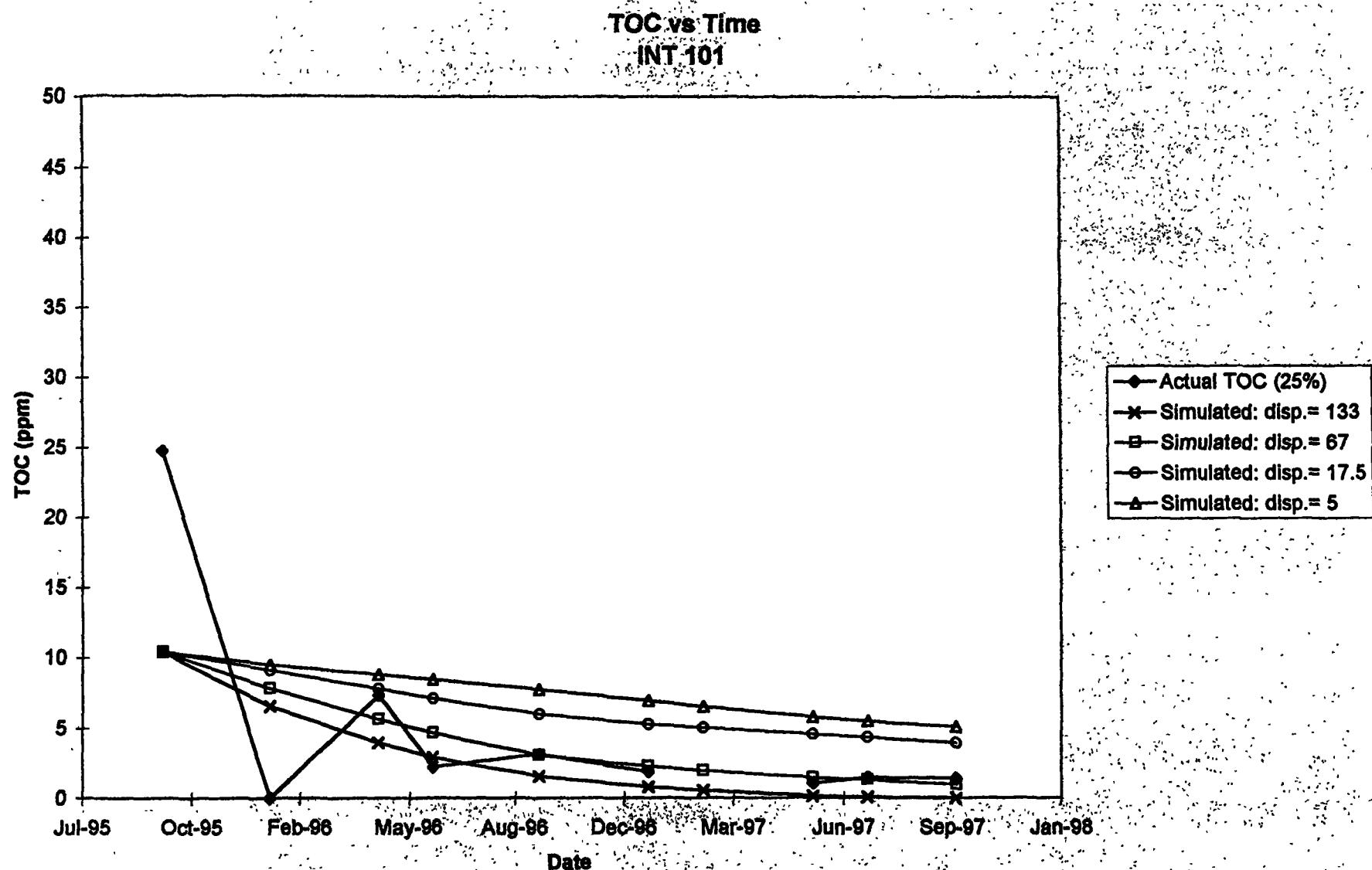


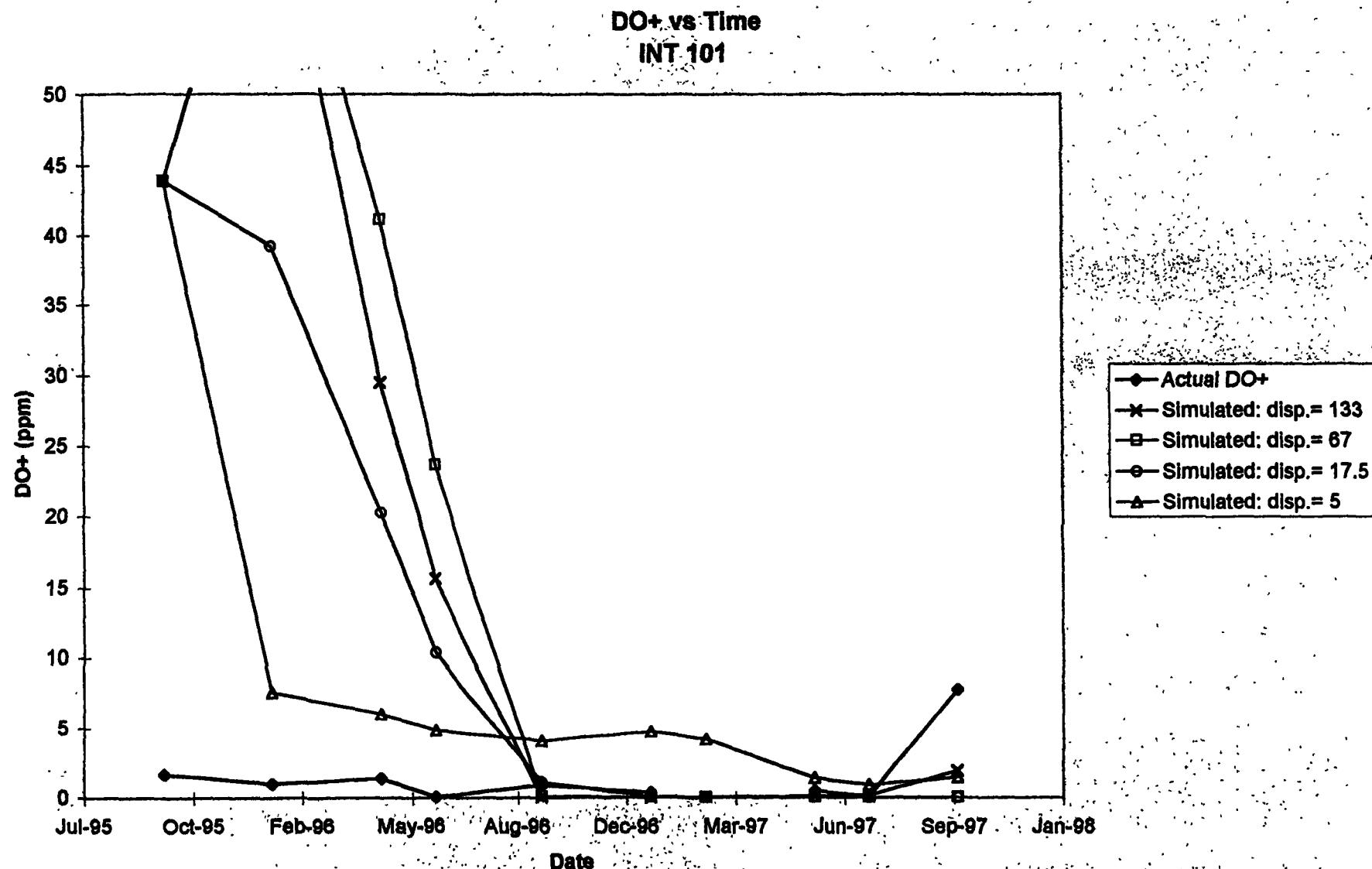




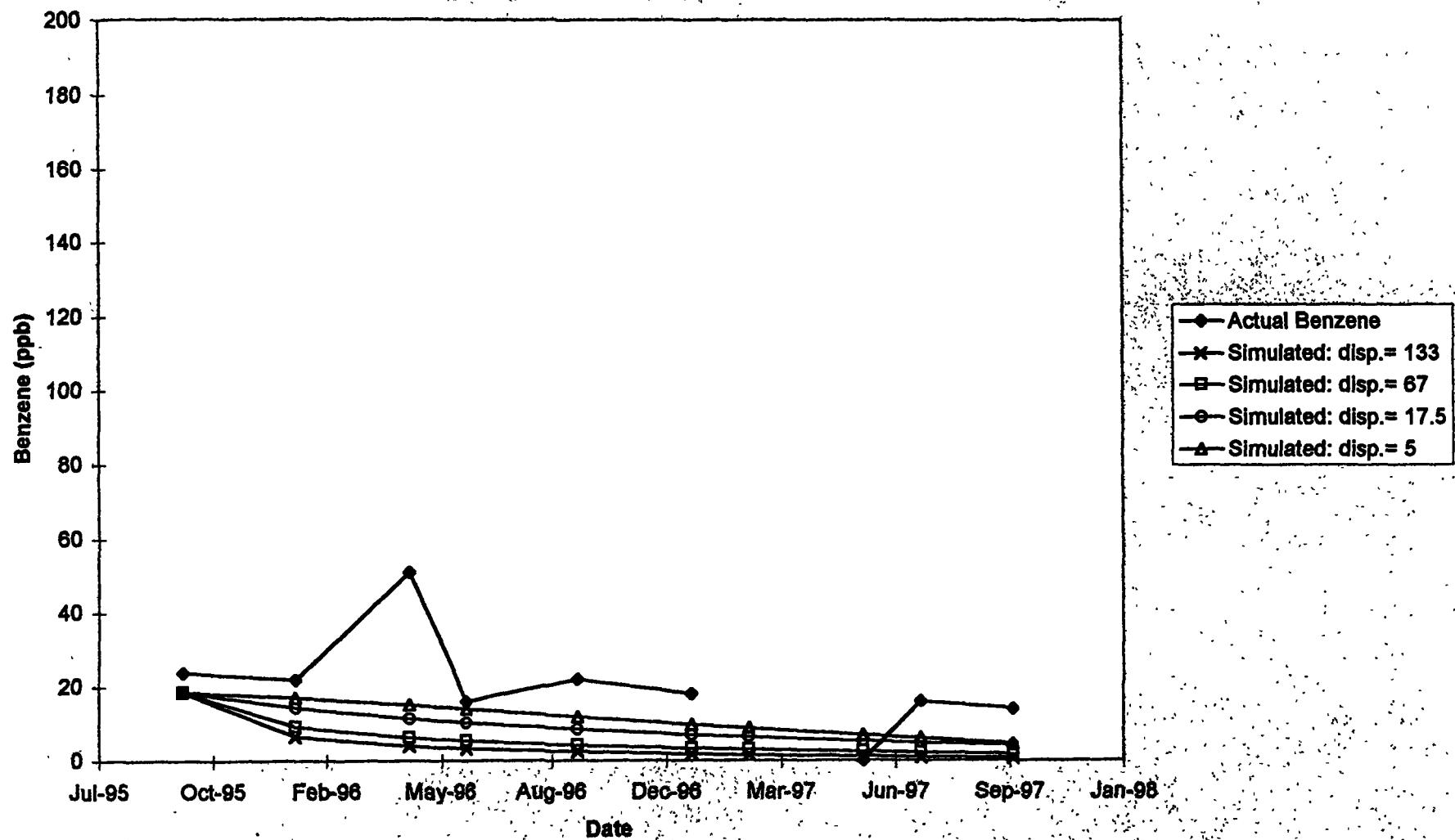




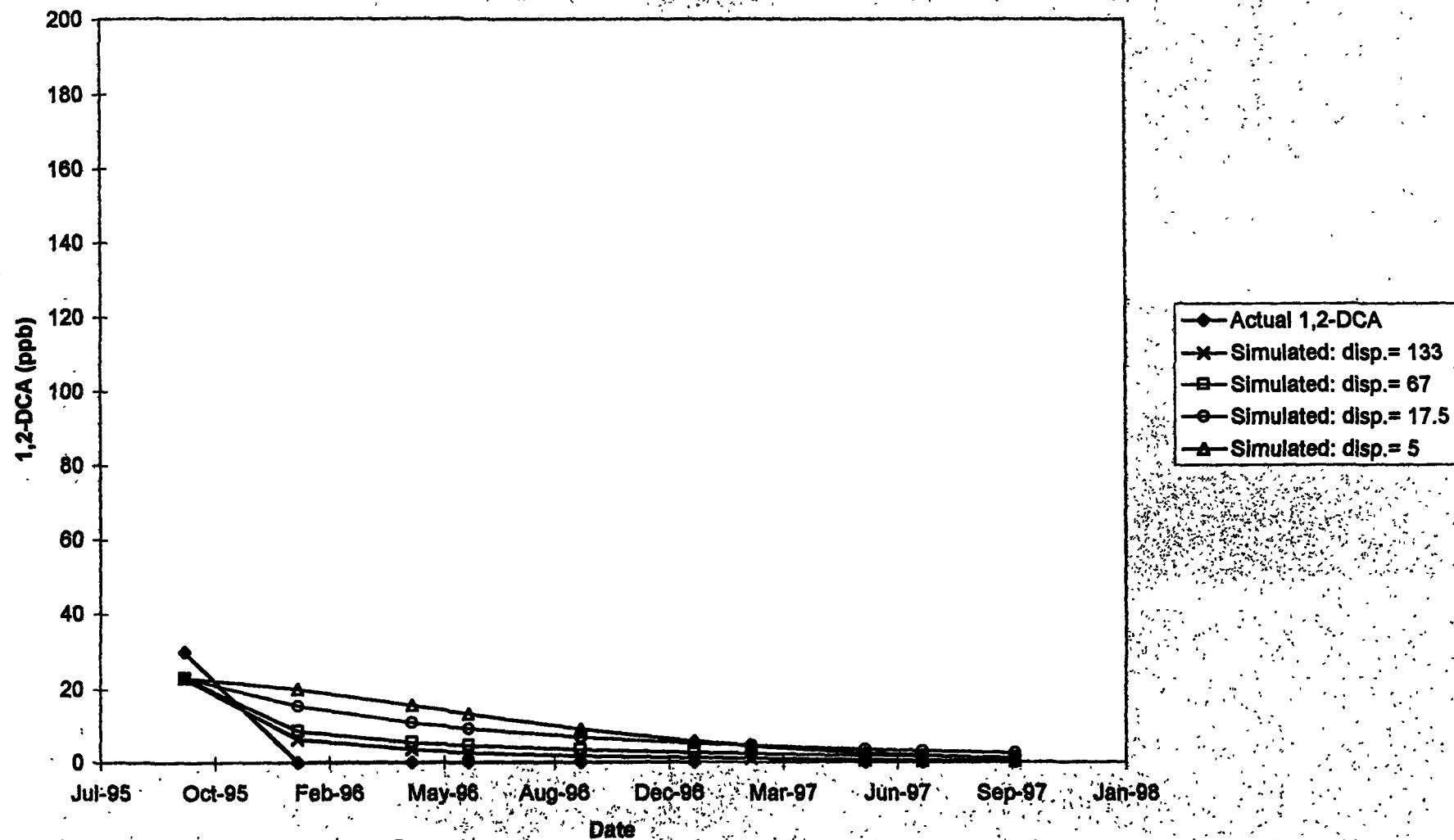




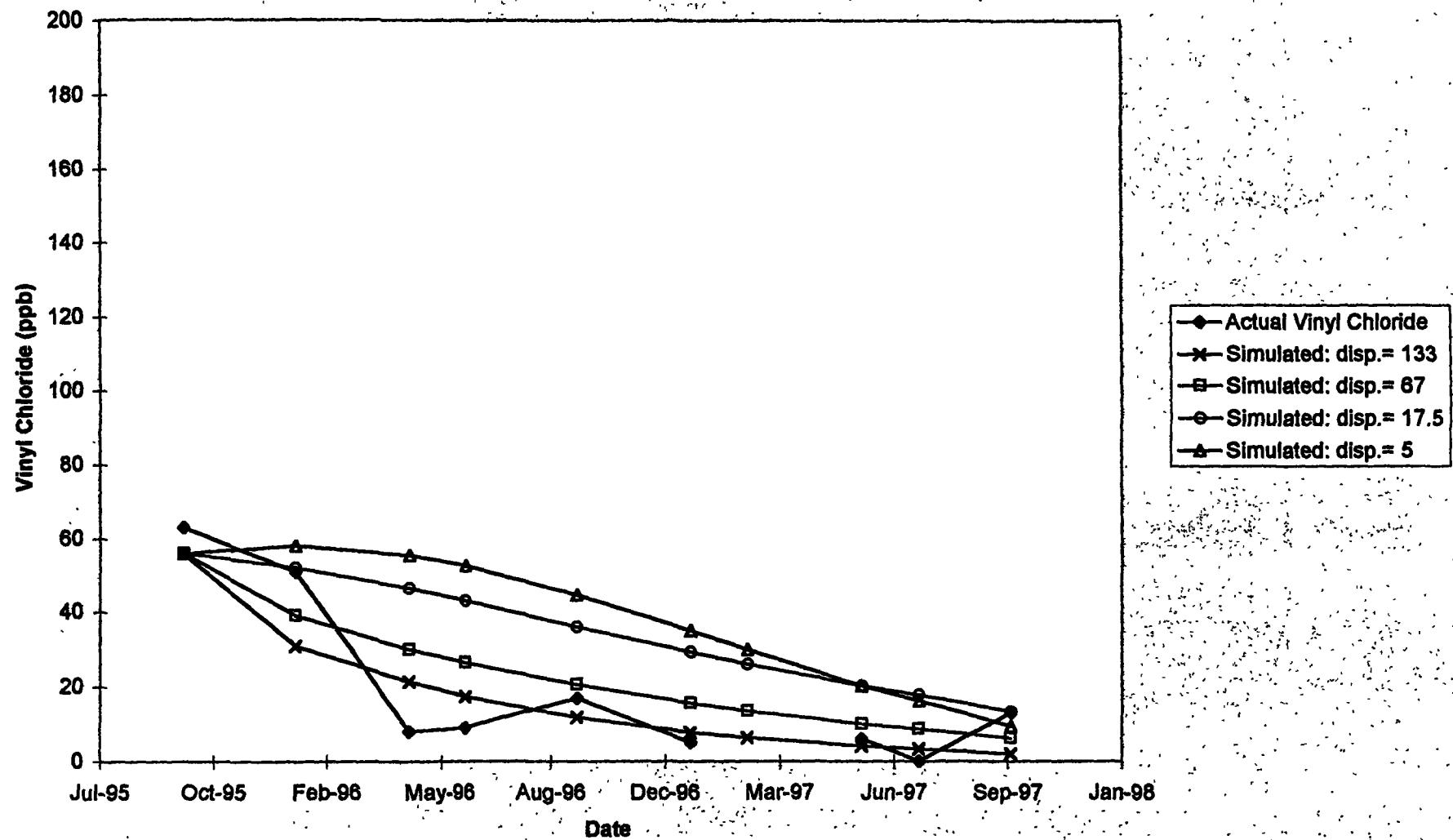
Benzene vs Time
INT 217

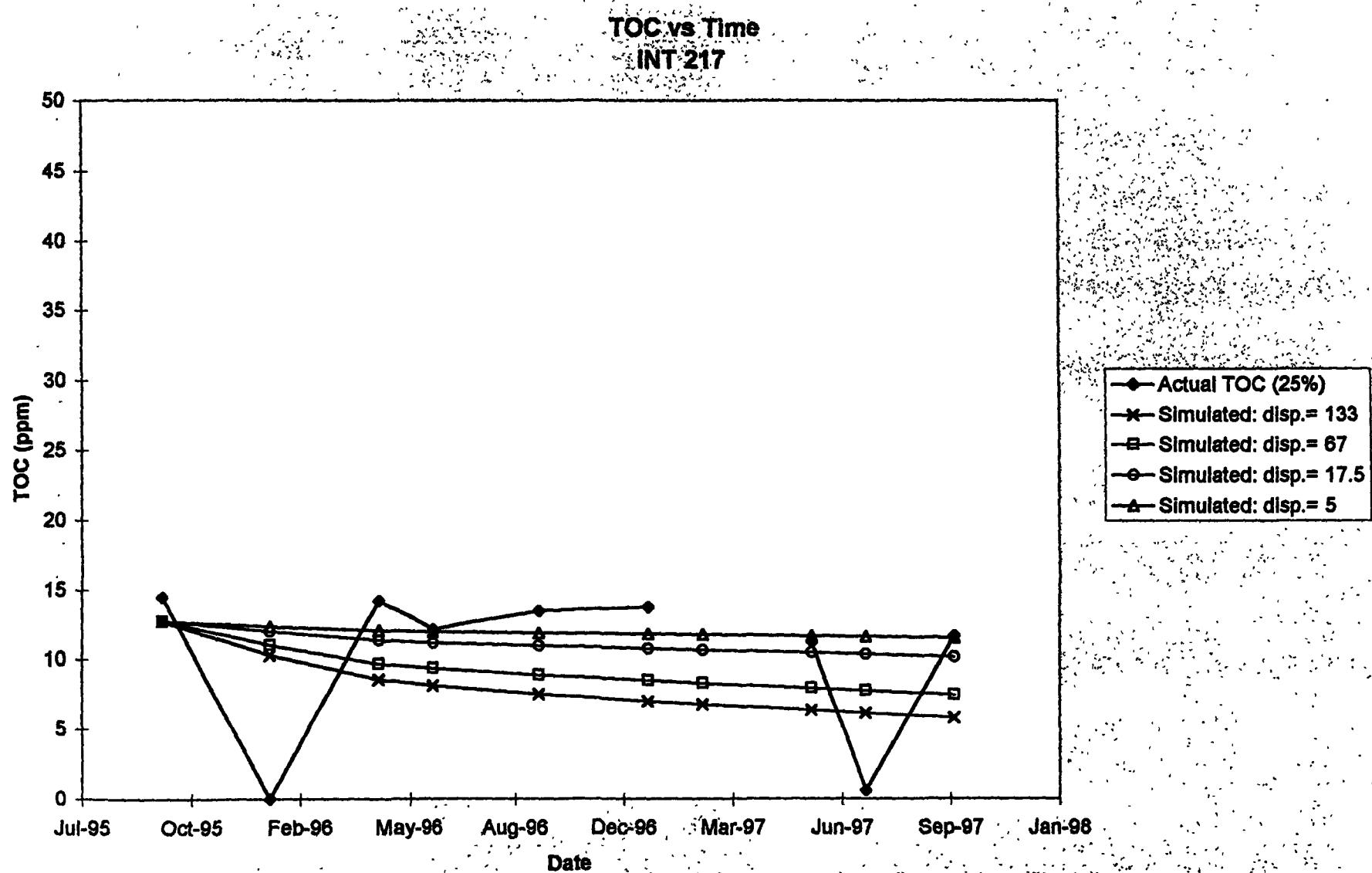


1,2-DCA vs Time
INT 217

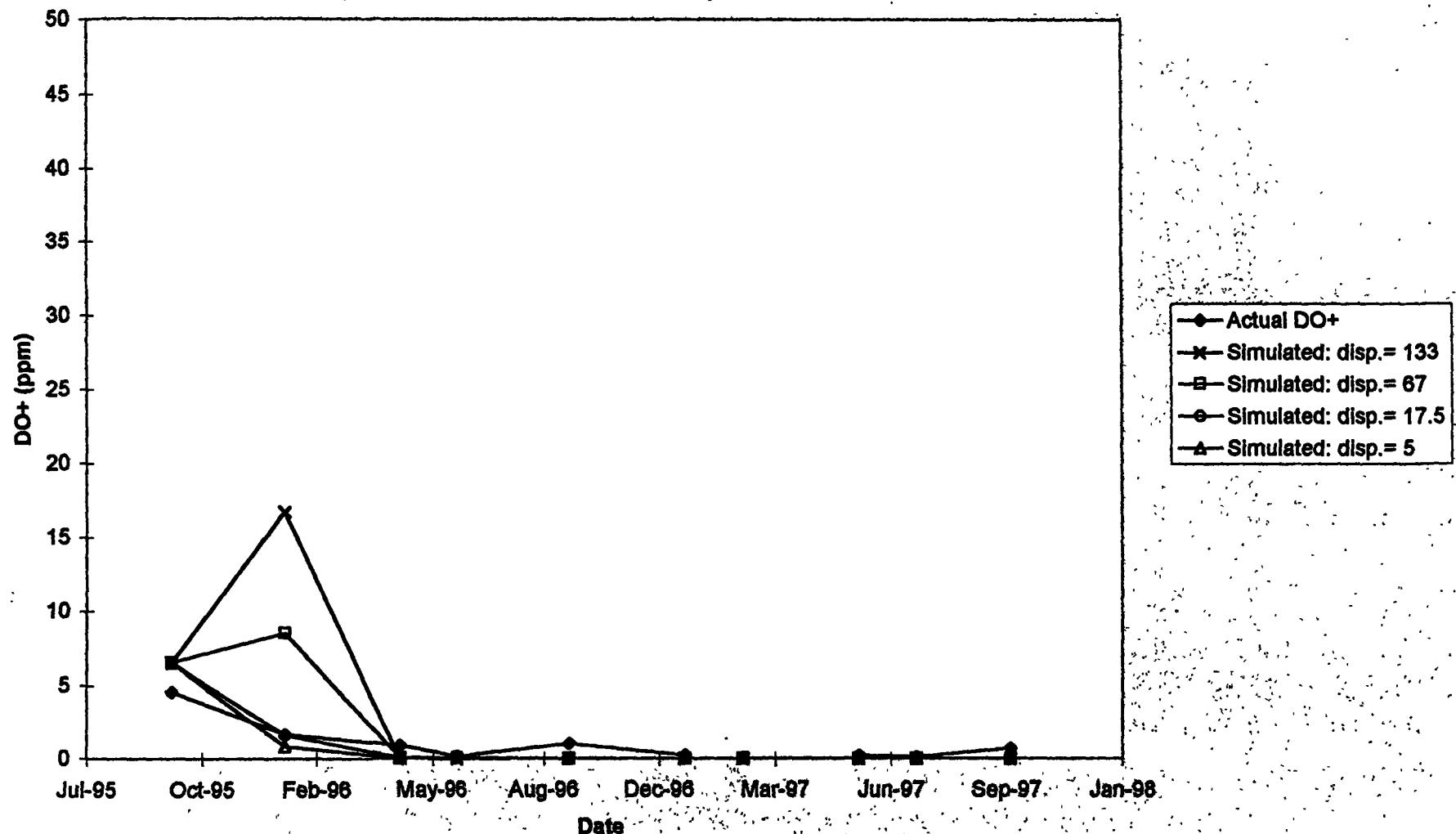


Vinyl Chloride vs Time
INT 217





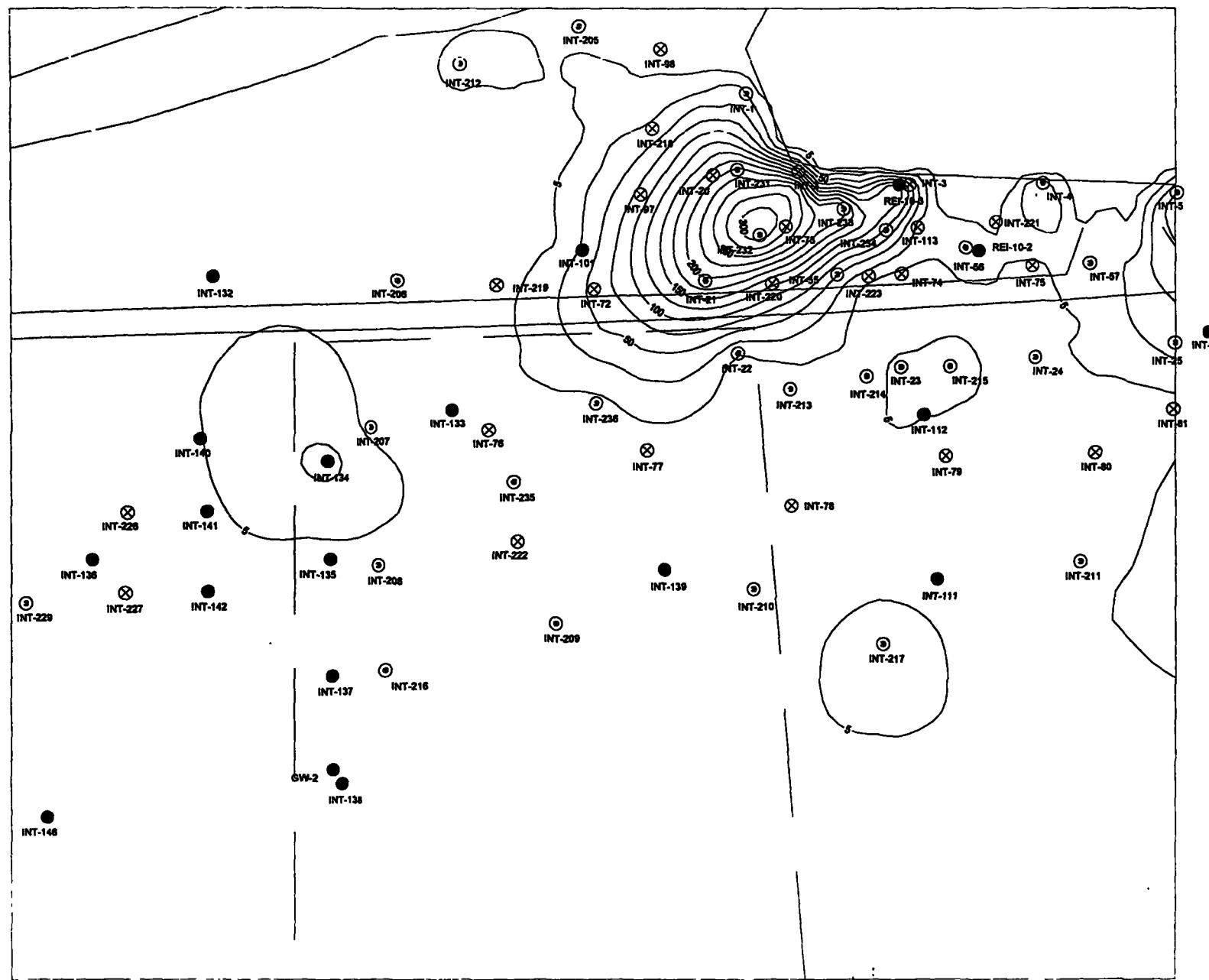
DO+ vs Time
INT 217



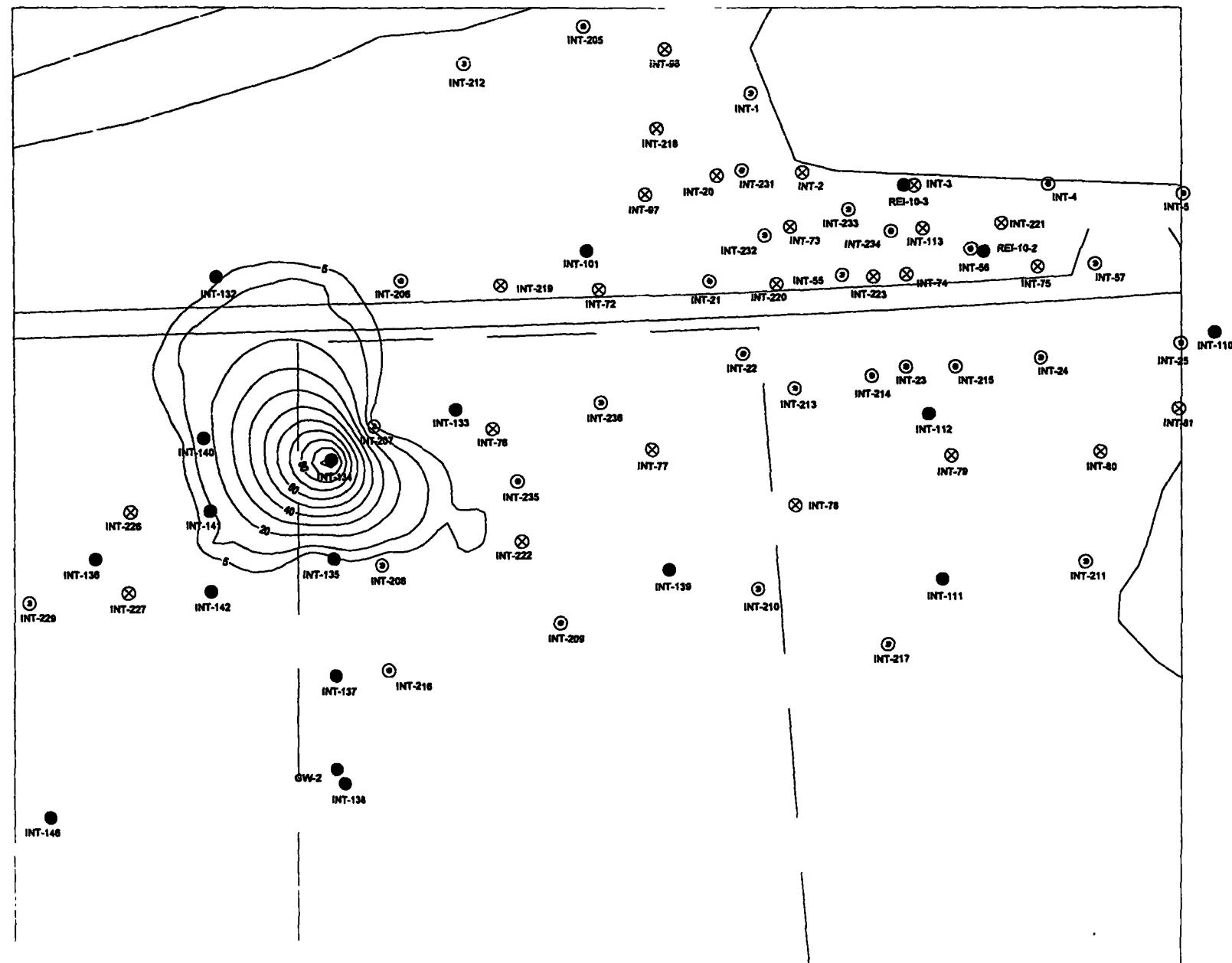
APPENDIX D

1997 model simulation results

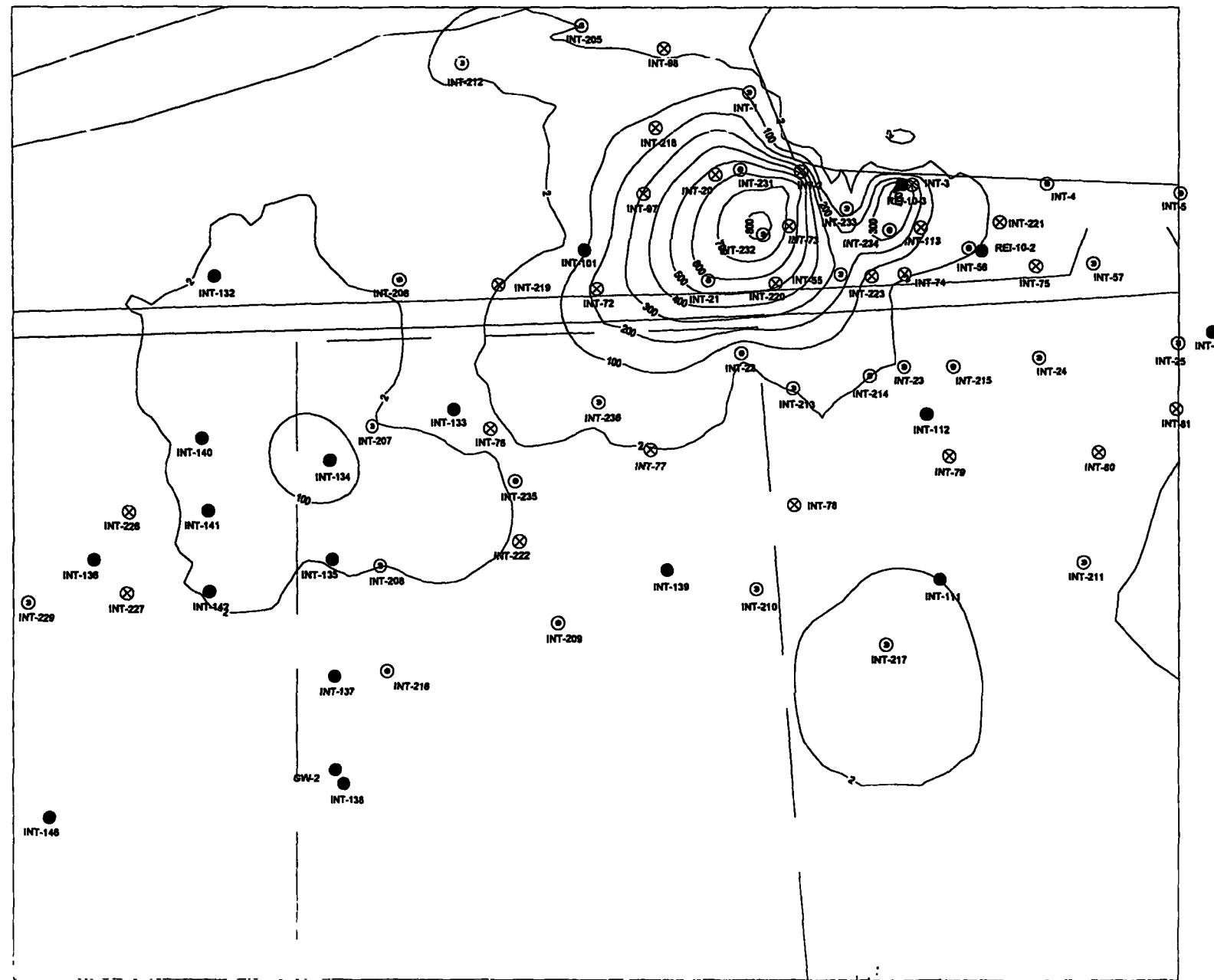
INT WEST OCTOBER 1997: BENZENE (ppb)



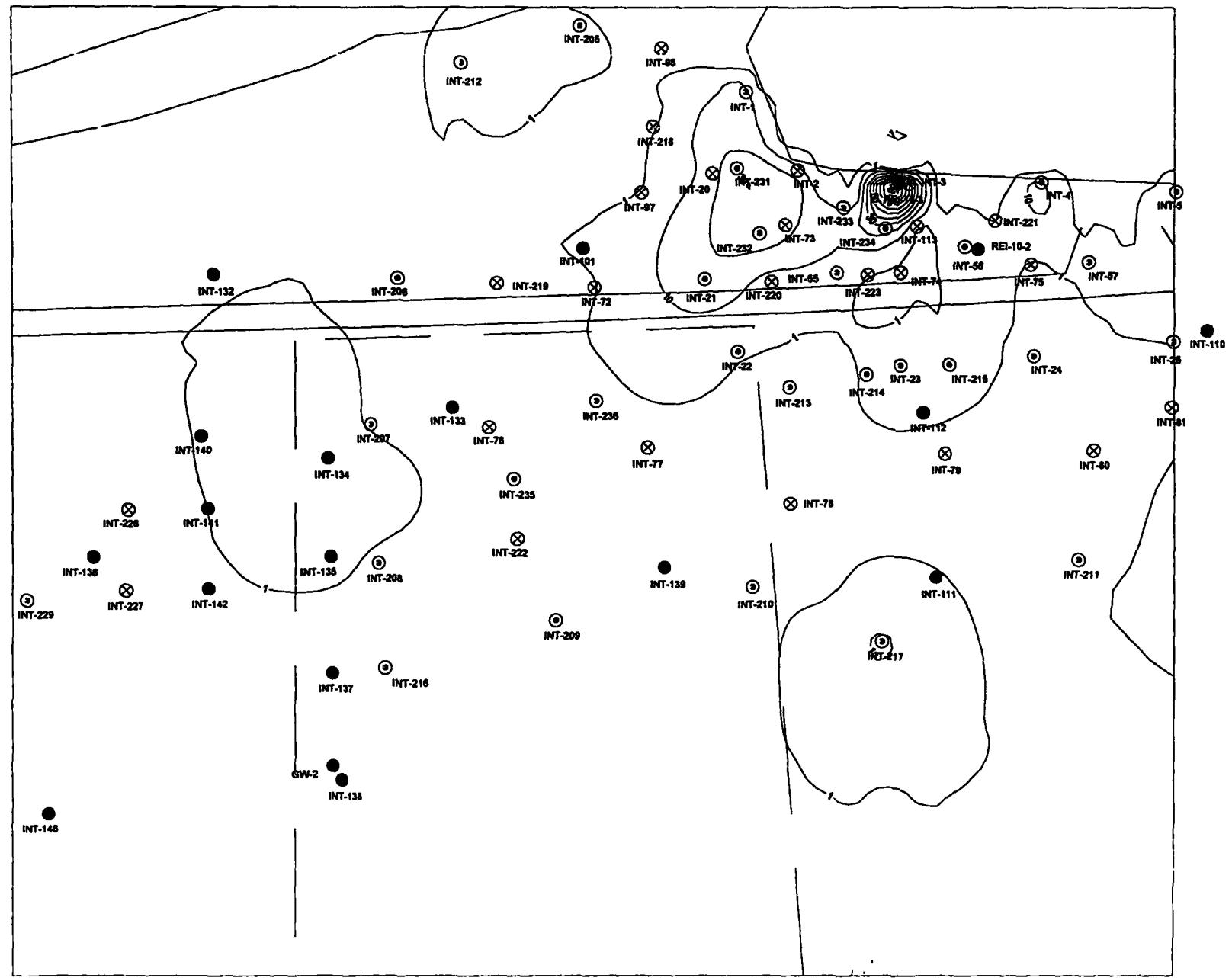
INT WEST OCTOBE 1997: 1,2-DCA (ppb)



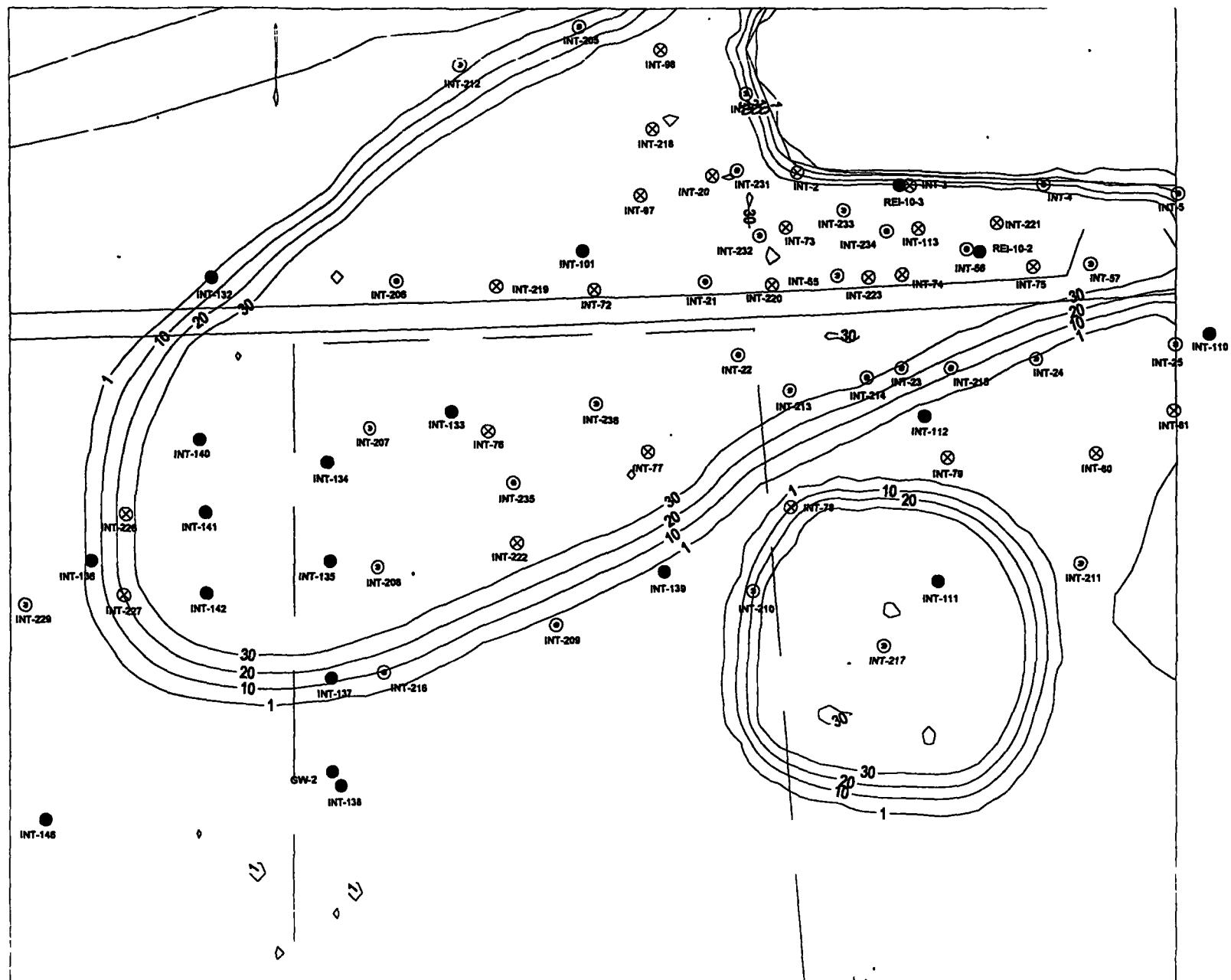
INT WEST OCTOBER 19: VINYL CHLORIDE (ppb)



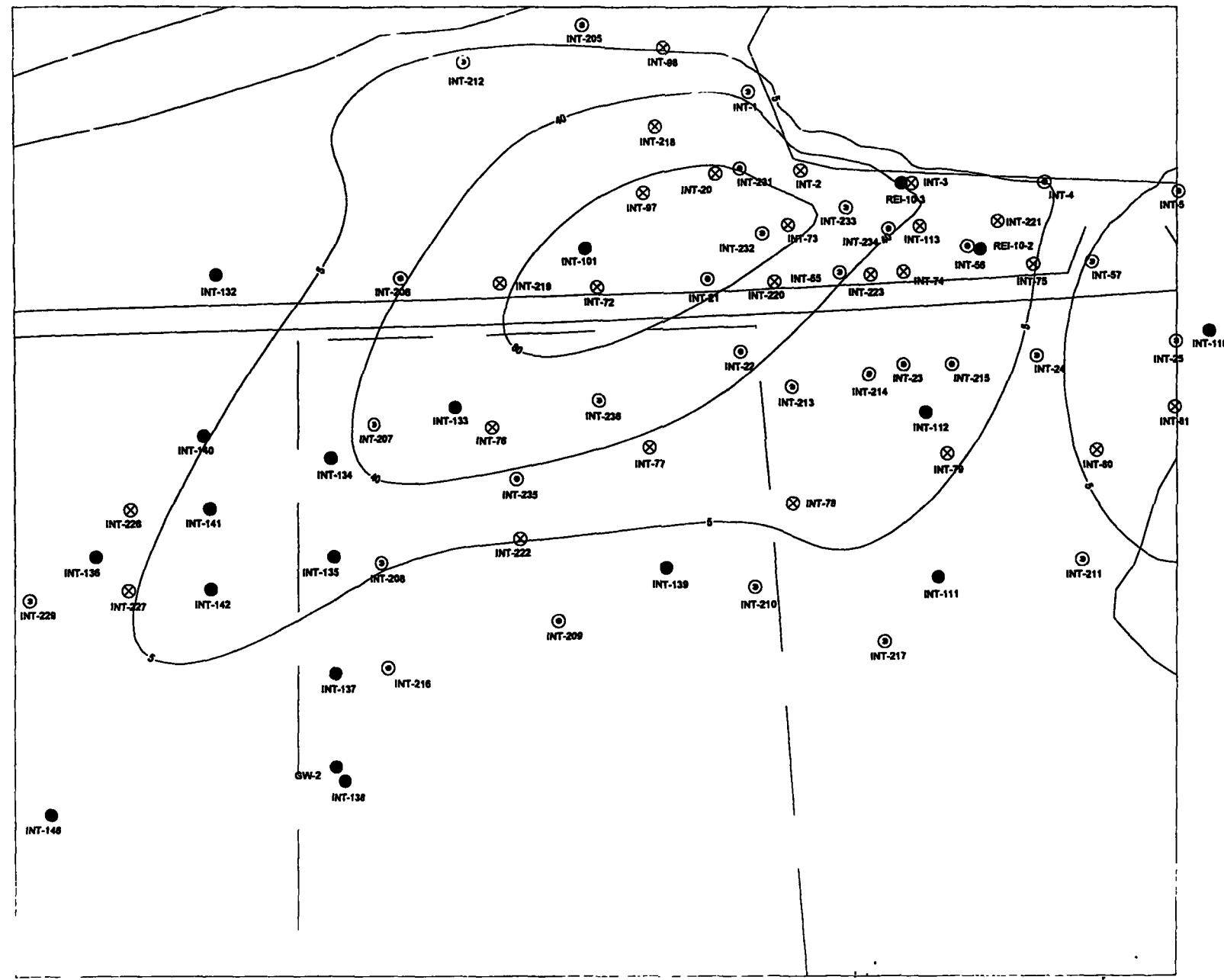
INT WEST OCTOBER 1997: TOC (ppm)



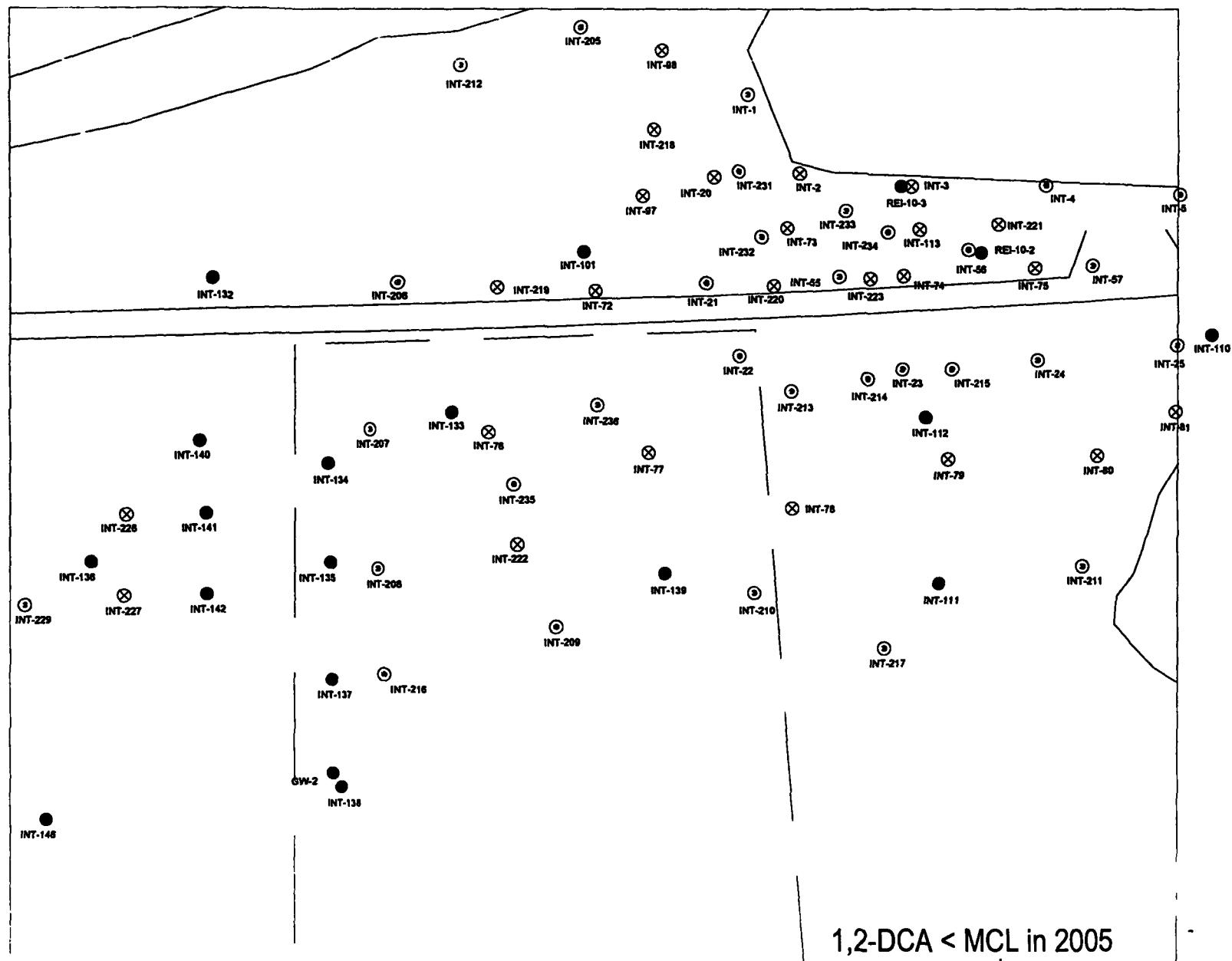
INT WEST OCTOBER 1997: DO (ppm)



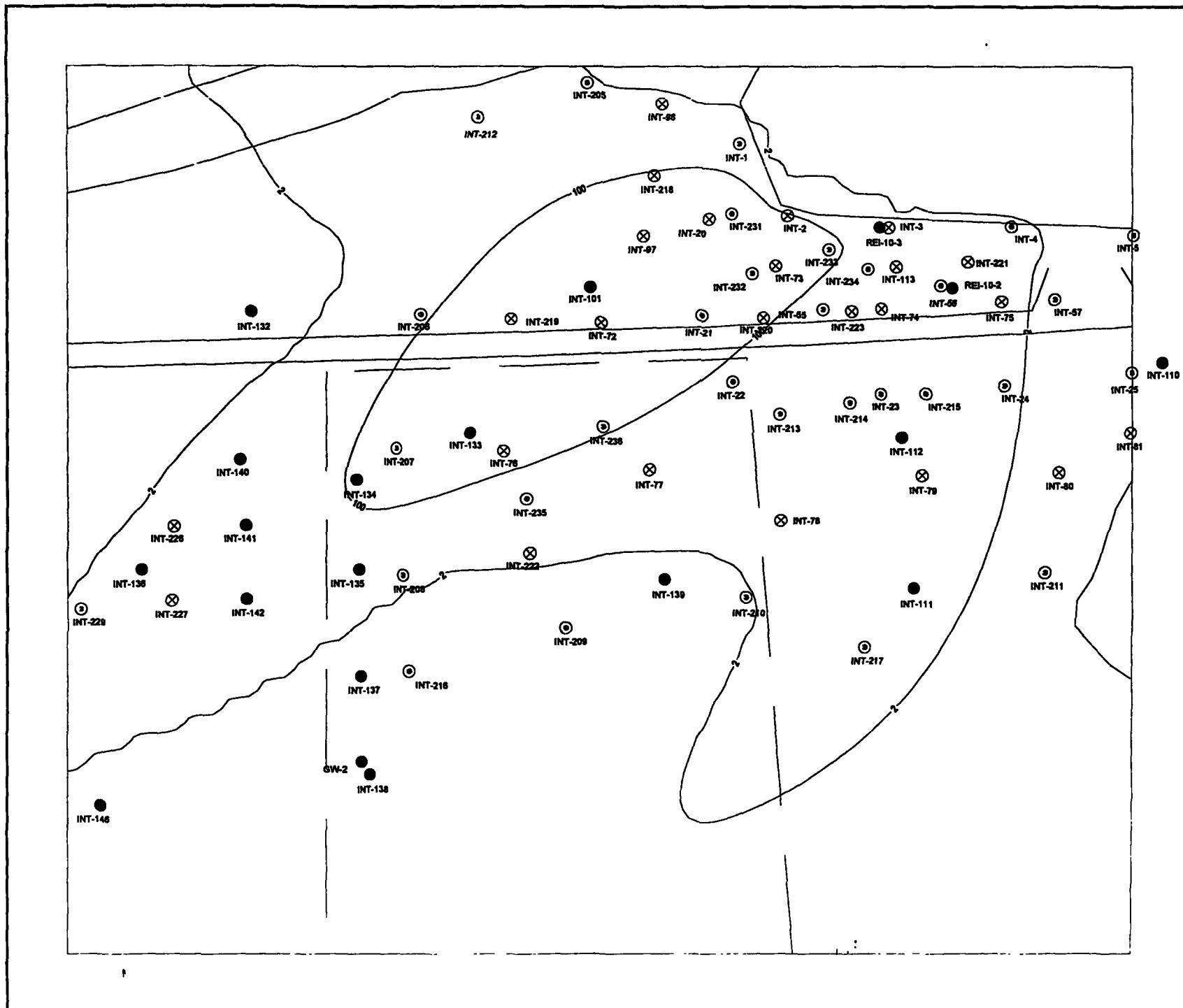
INT WEST OCTOBER 2005: BENZENE (ppb)



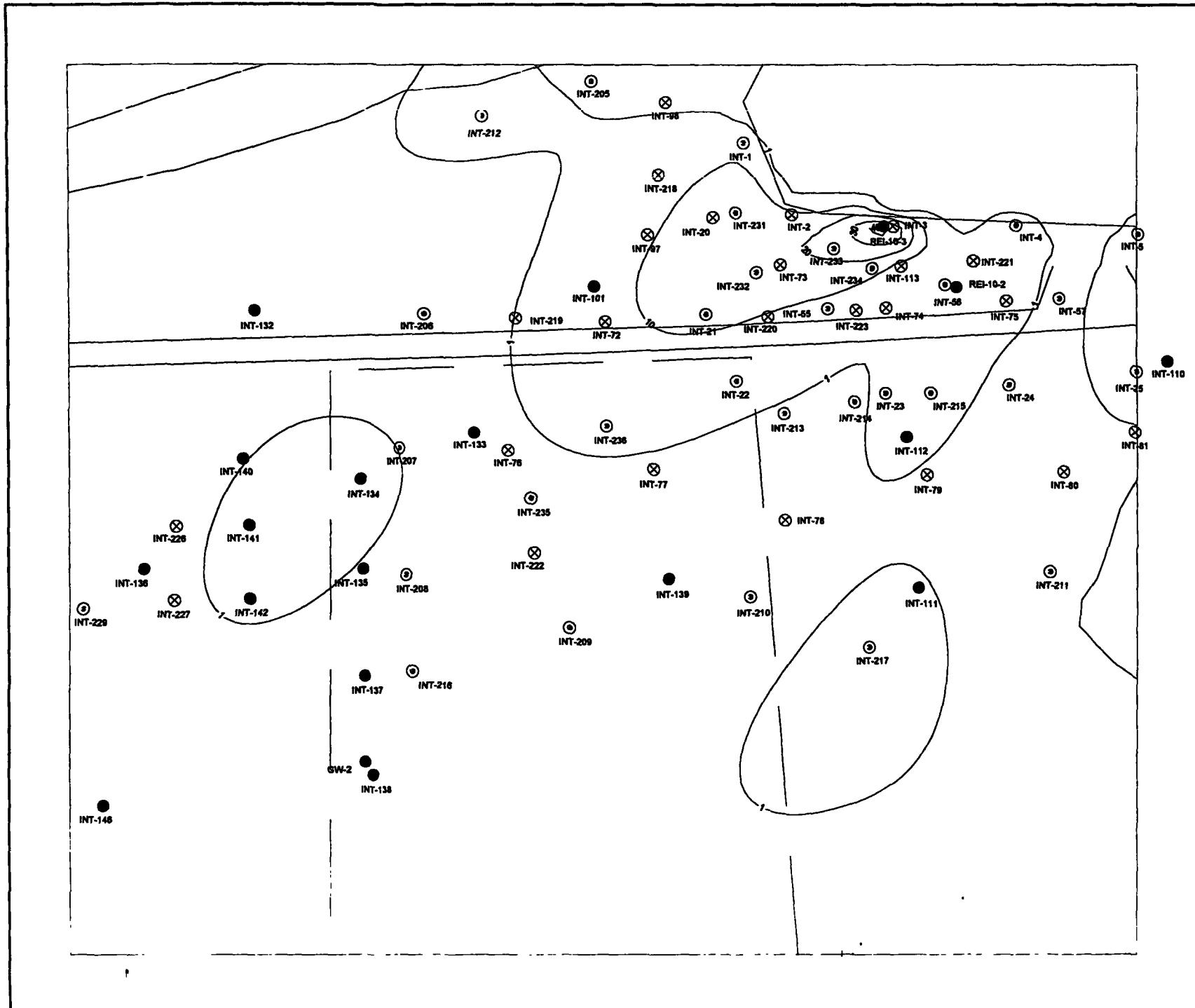
INT WEST OCTOBER 2005: 1,2-DCA (ppb)



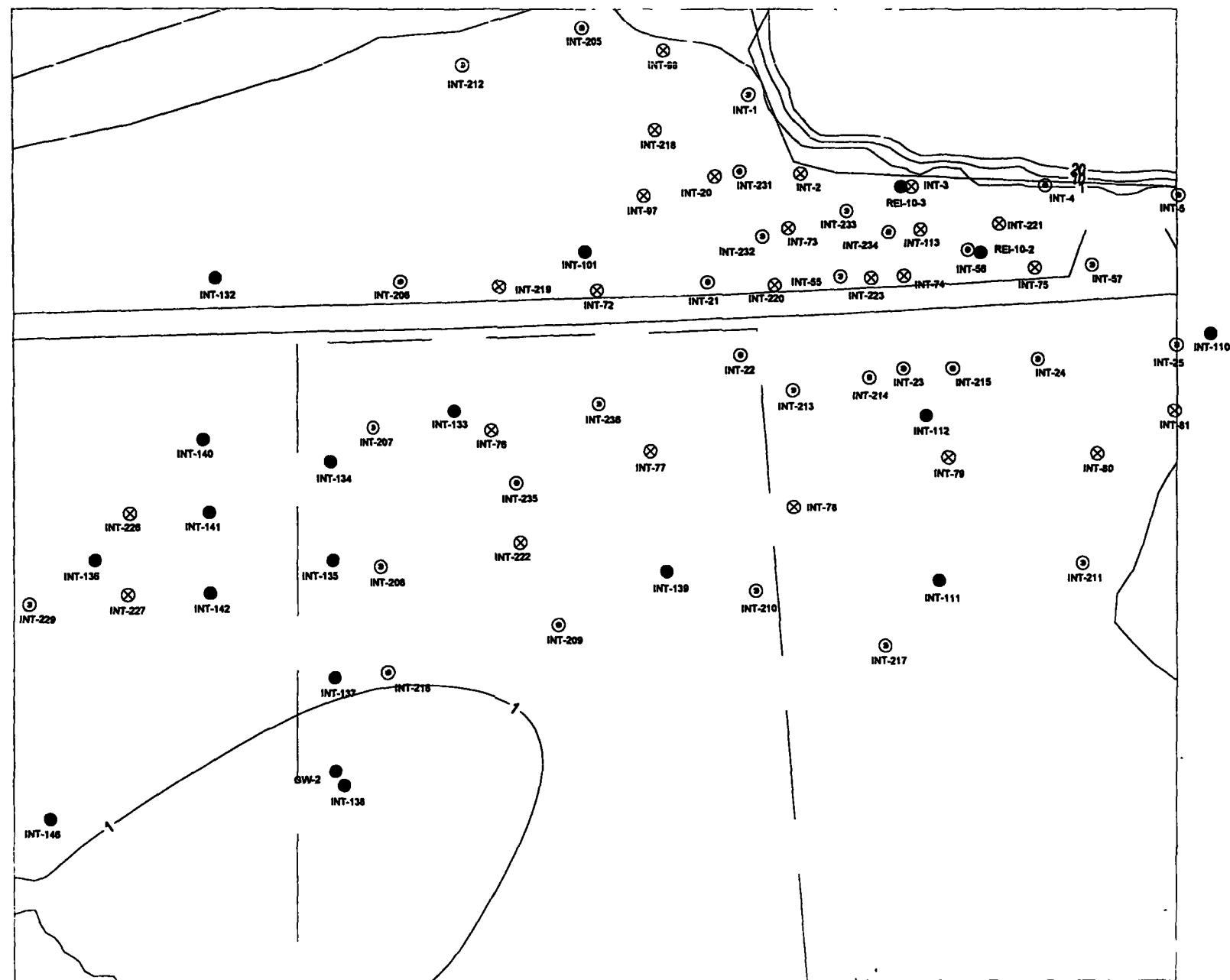
INT WEST OCTOBER 2003: VINYL CHLORIDE (ppb)



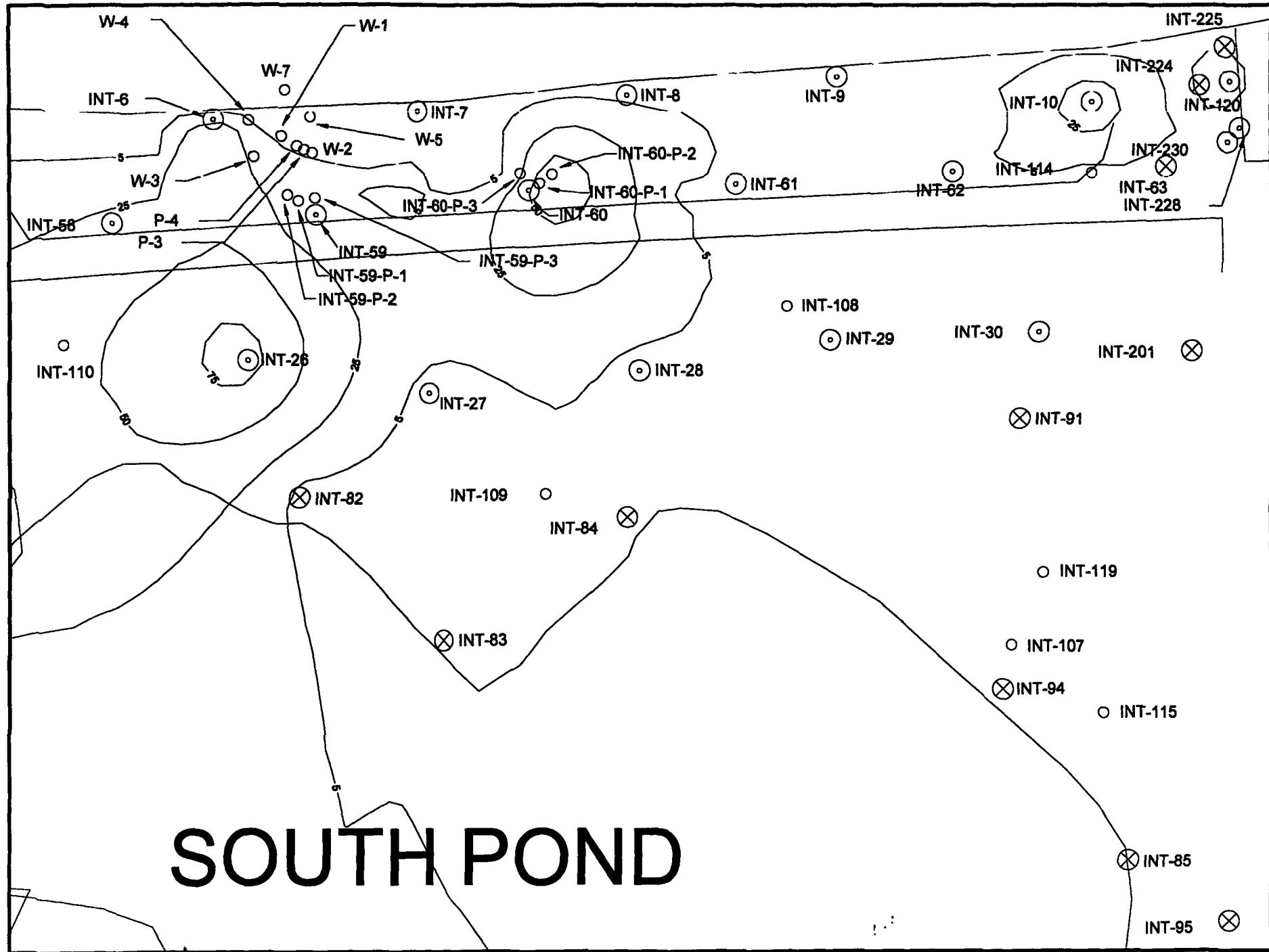
INT WEST OCTOBER 2005: TOC (ppm)



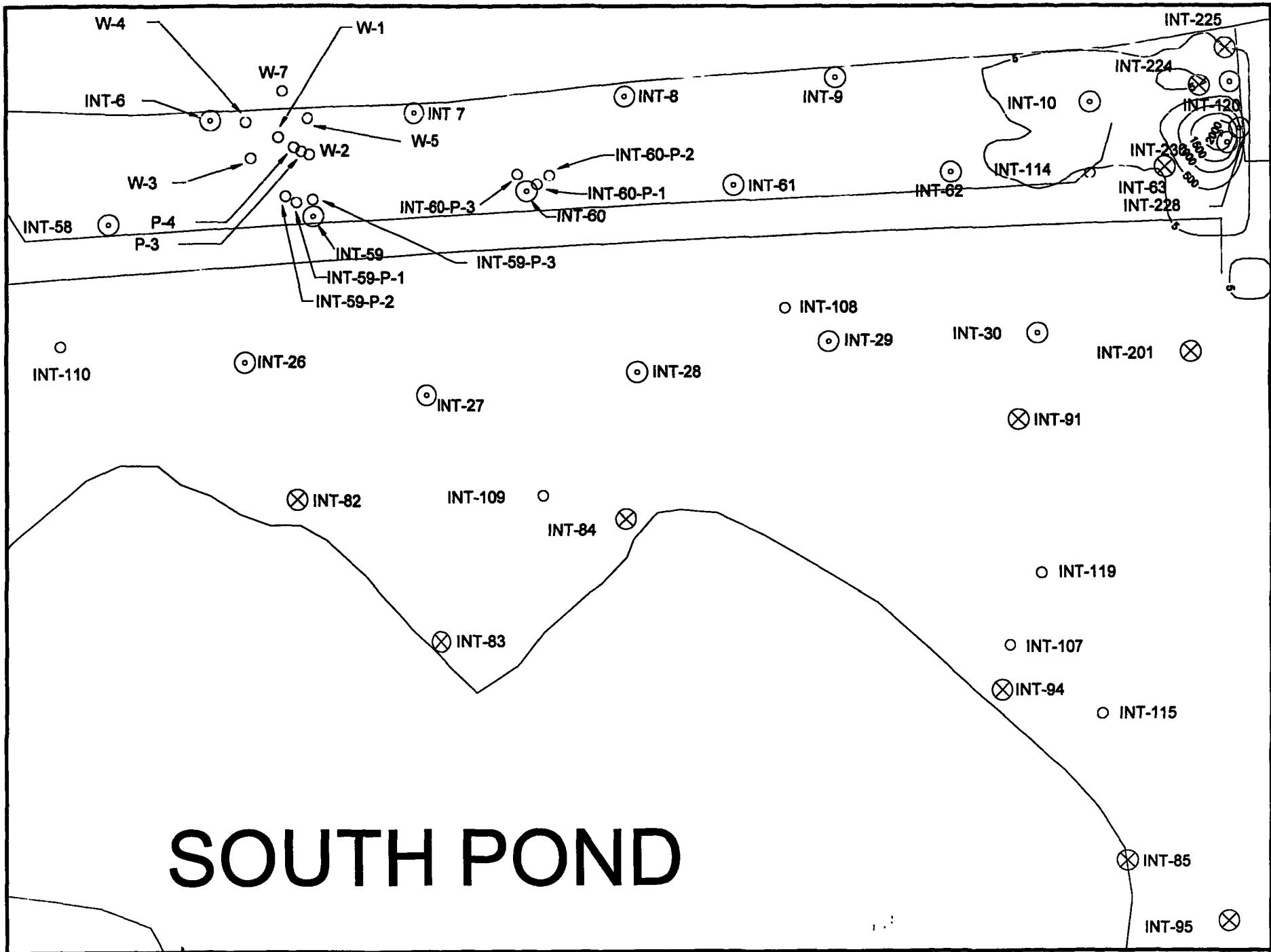
INT WEST OCTOBER 2005: DO (ppm)



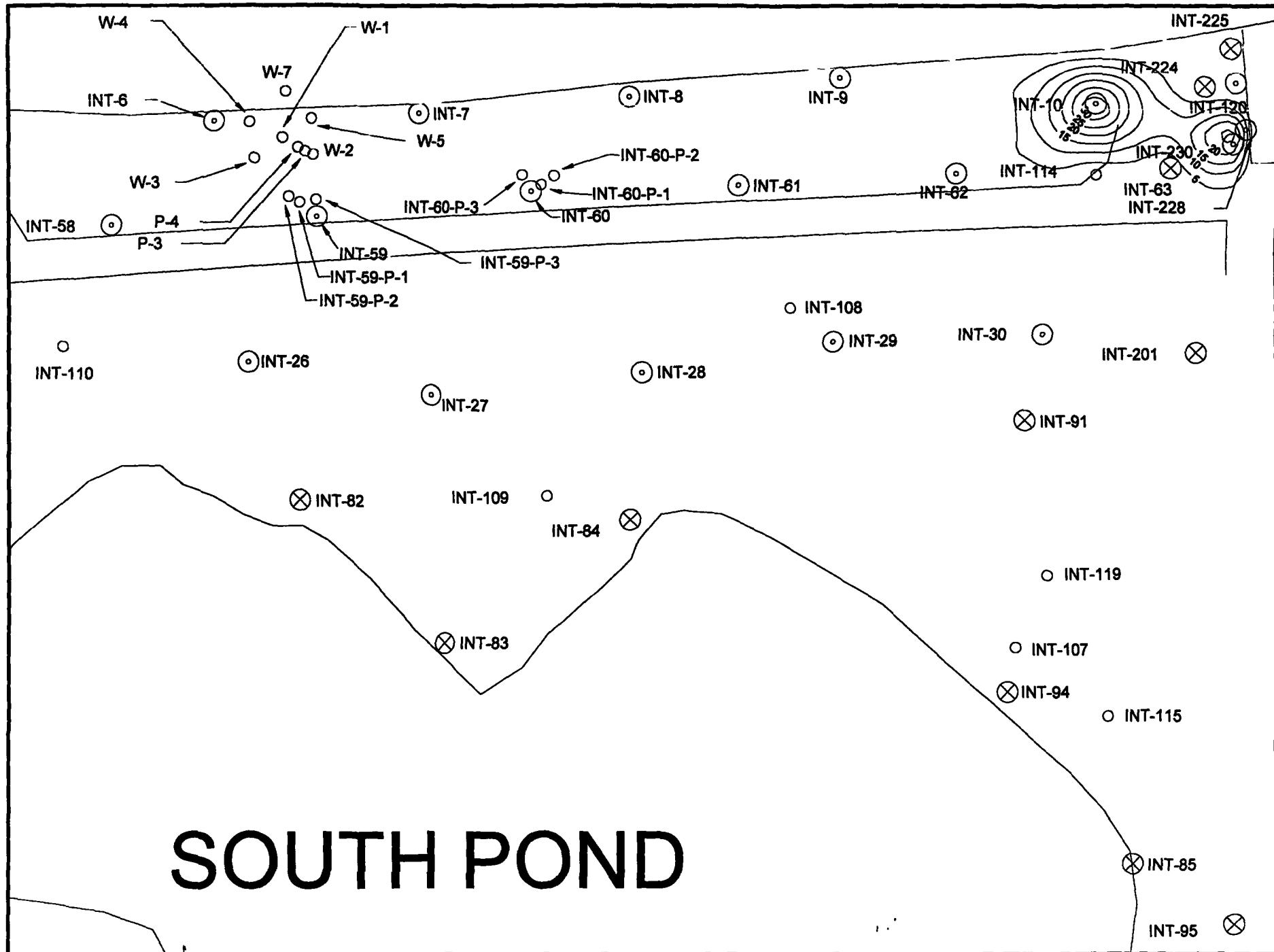
INT CENTRAL 1987: BENZENE (ppb)



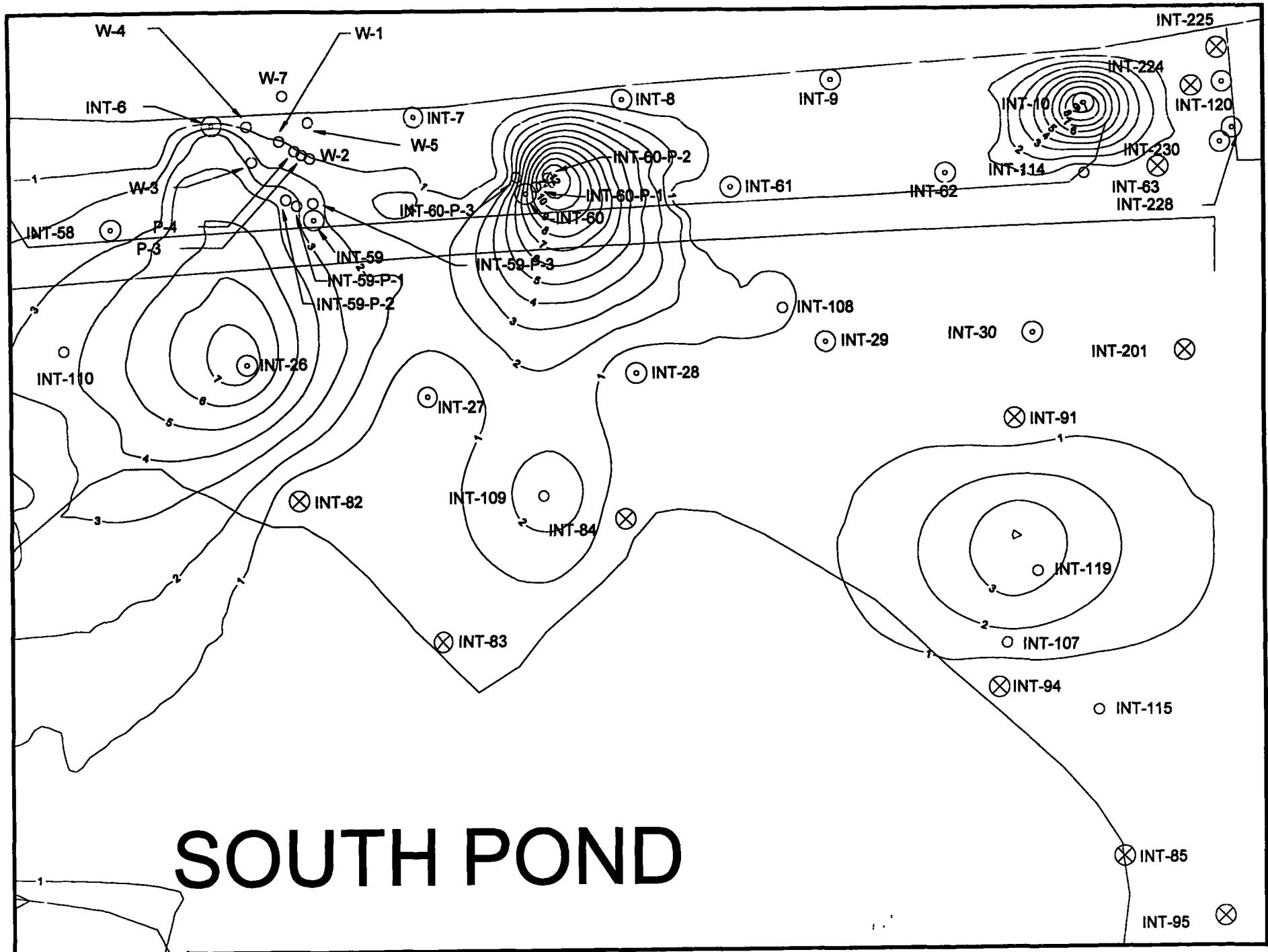
INT CENTRAL 107: 1,2 DCA (ppb)



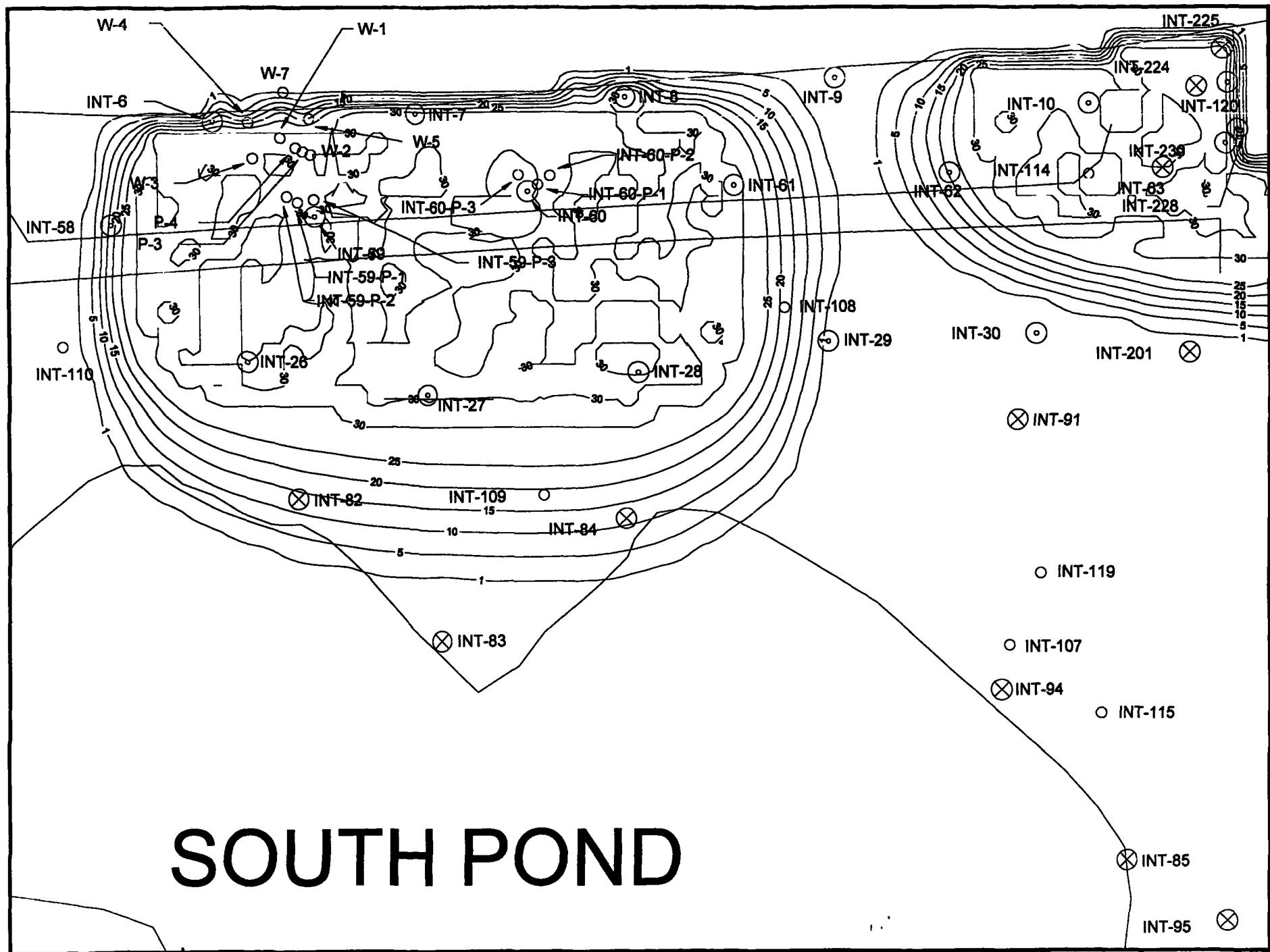
INT CENTRAL 1997: VINYL CHLORIDE (ppb)



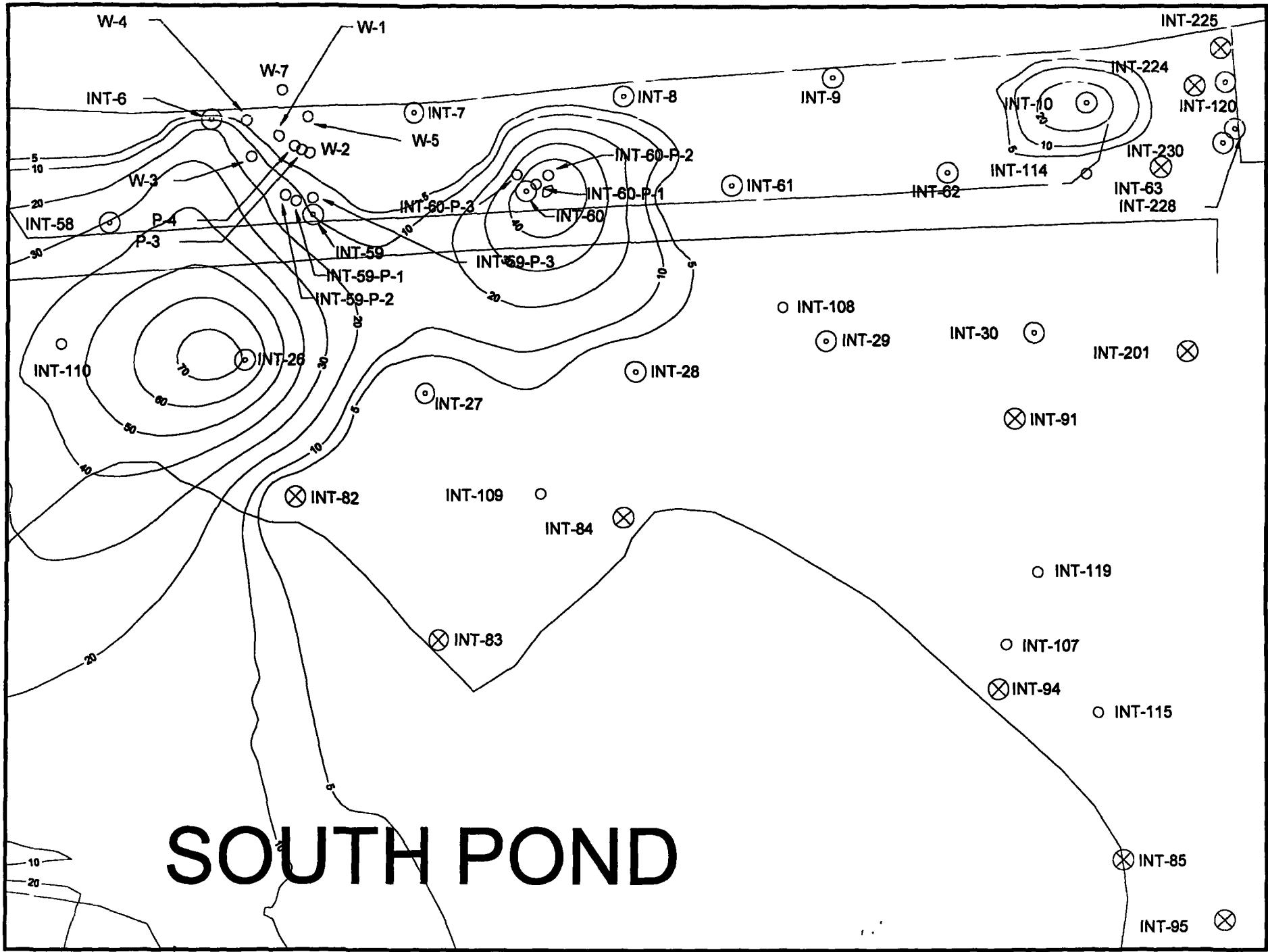
INT CENTRAL 997: TOC (ppm)



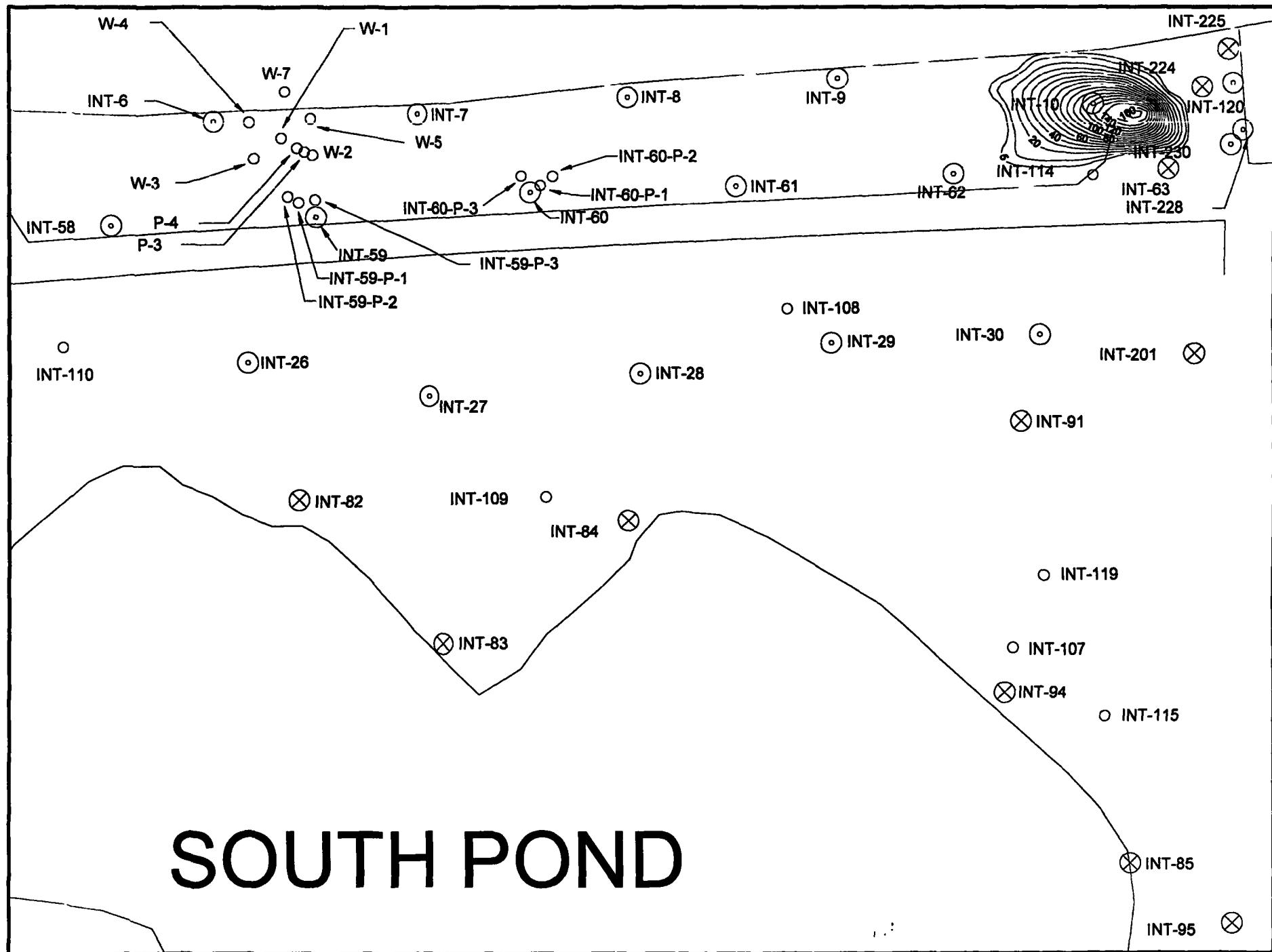
INT CENTRAL 997: DO+ (ppm)



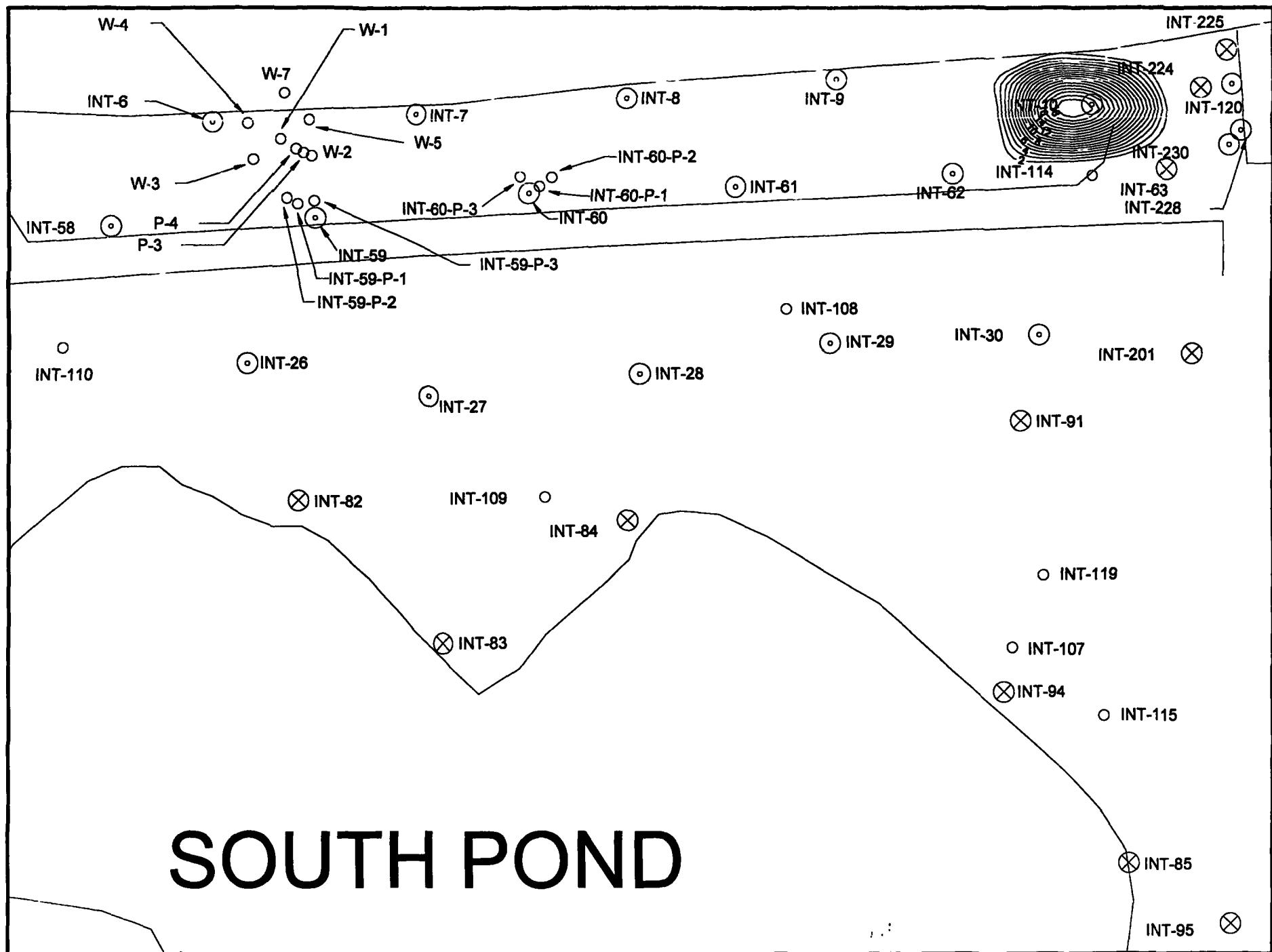
INT CENTRAL 2005: BENZENE (ppb)



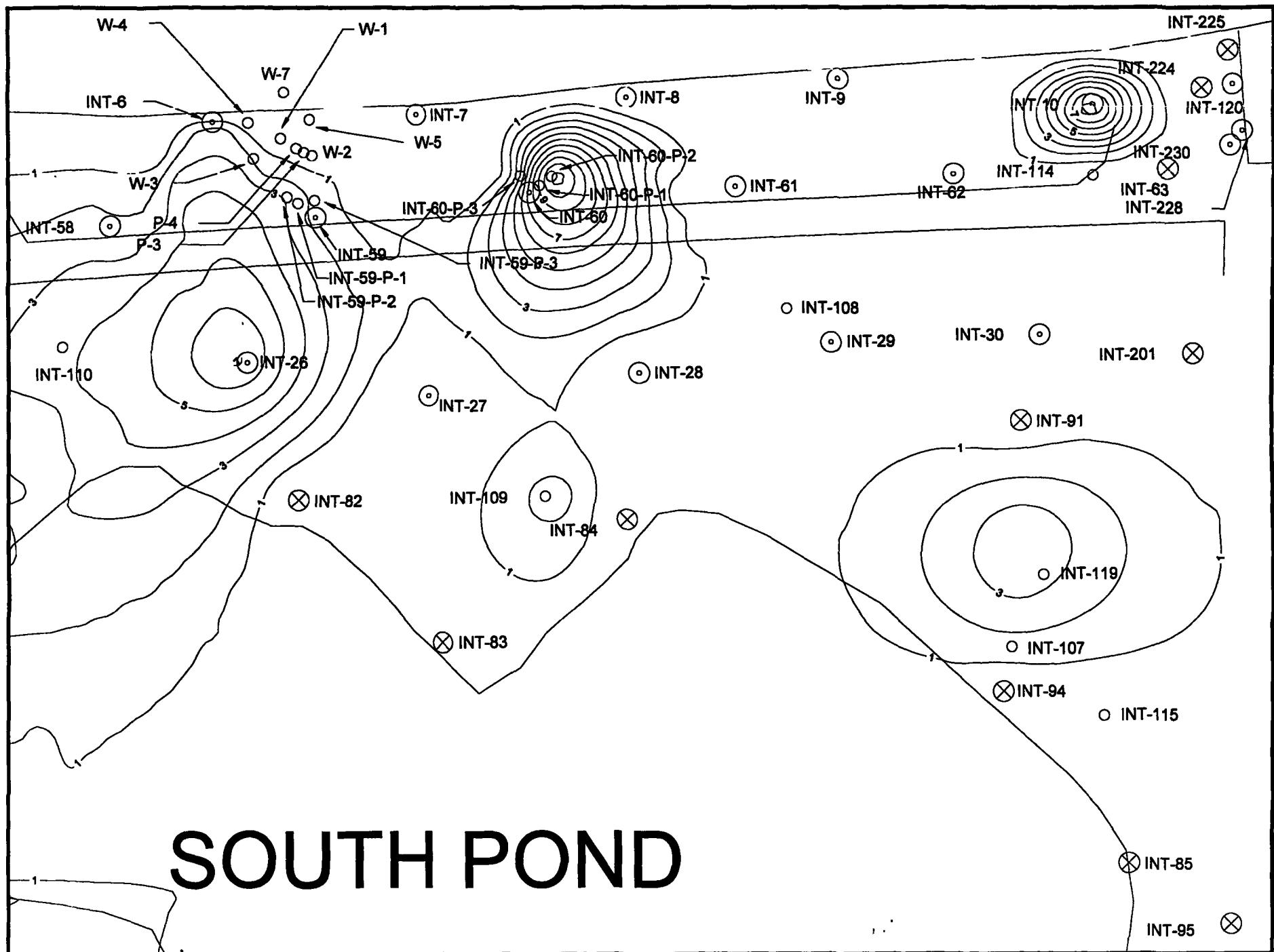
INT CENTRAL 2005: 1,2 DCA (ppb)



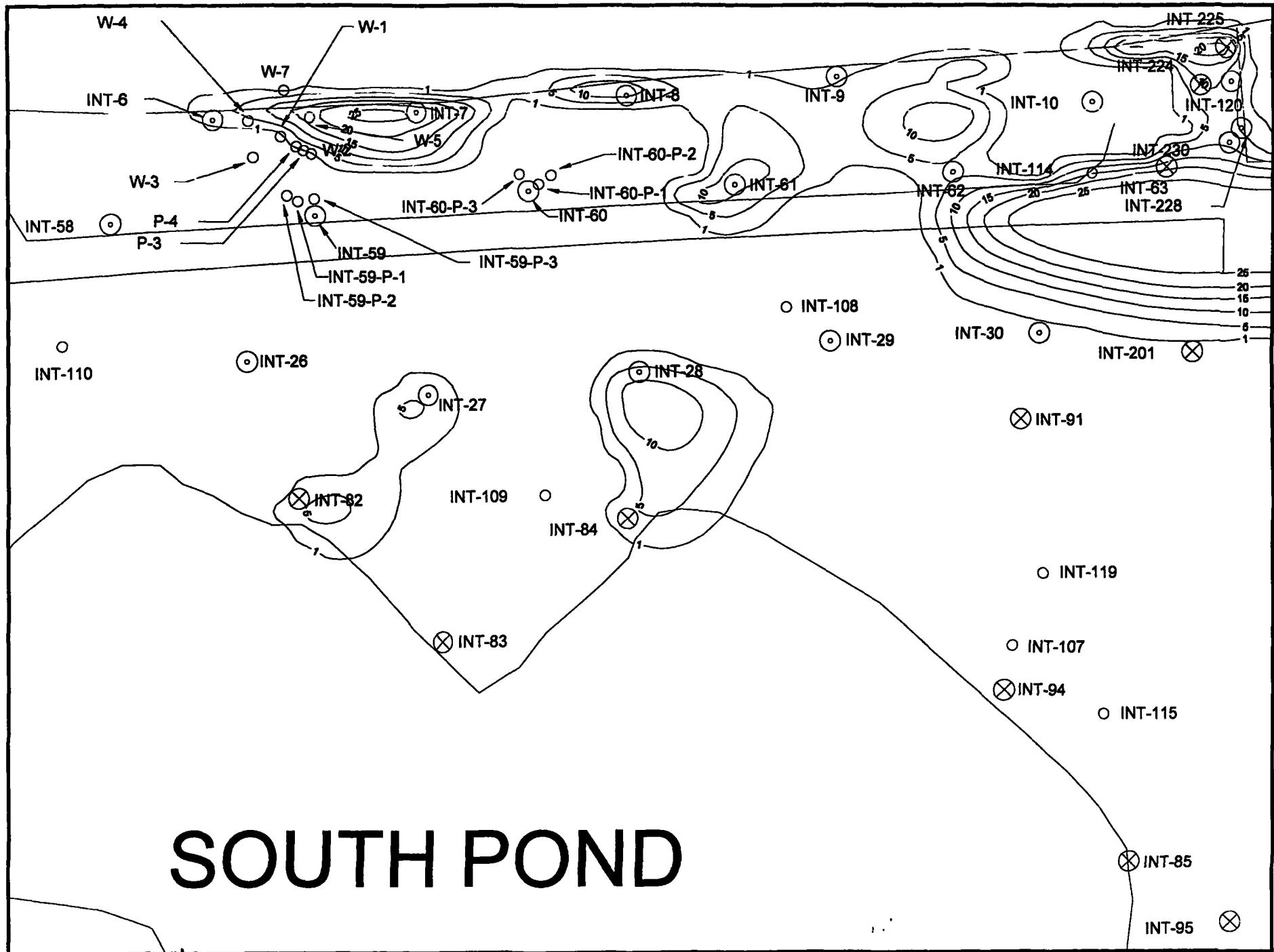
INT CENTRAL 2005: VINYL CHLORIDE (ppb)



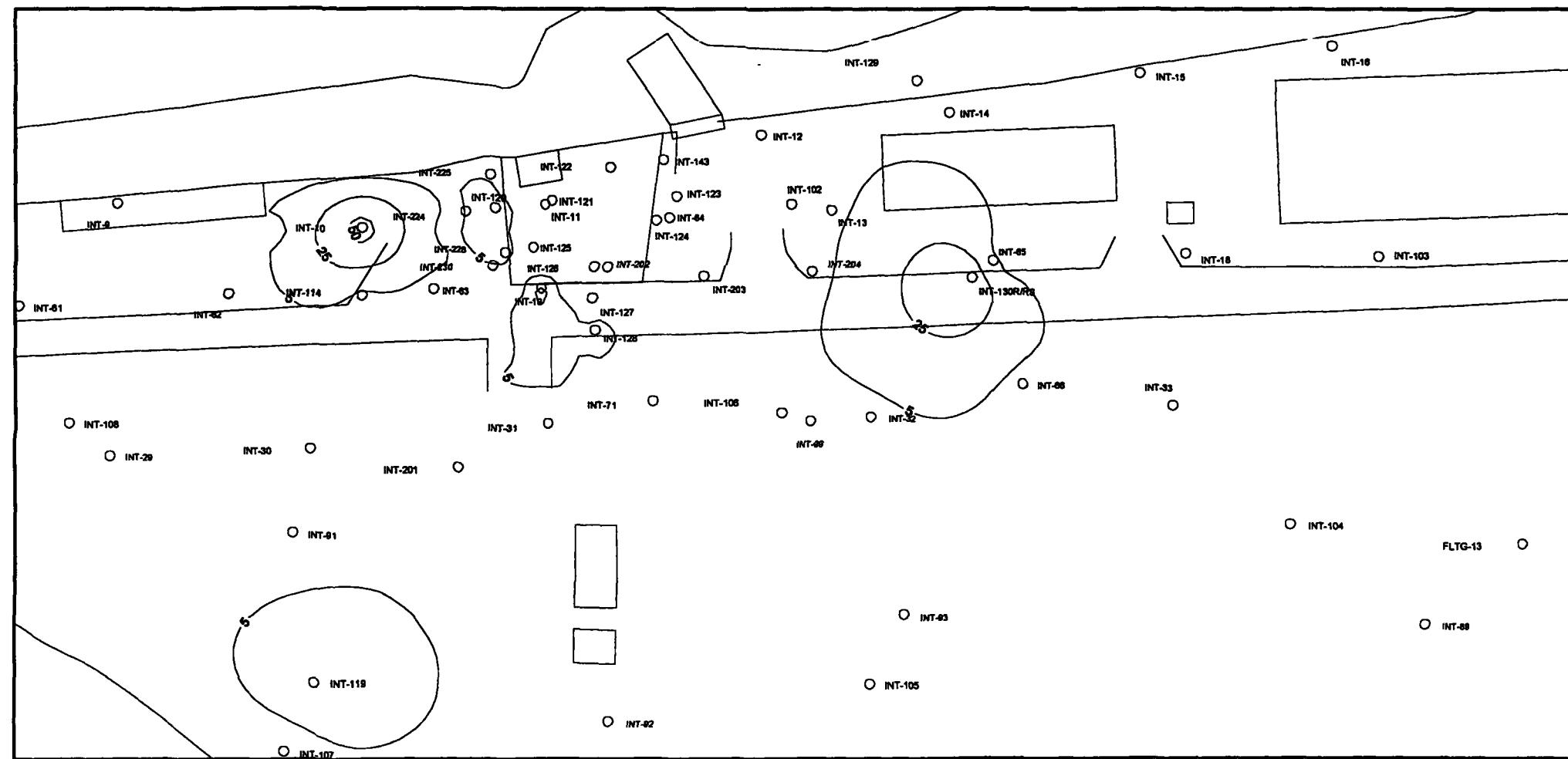
INT CENTRAL 2005: TOC (ppm)



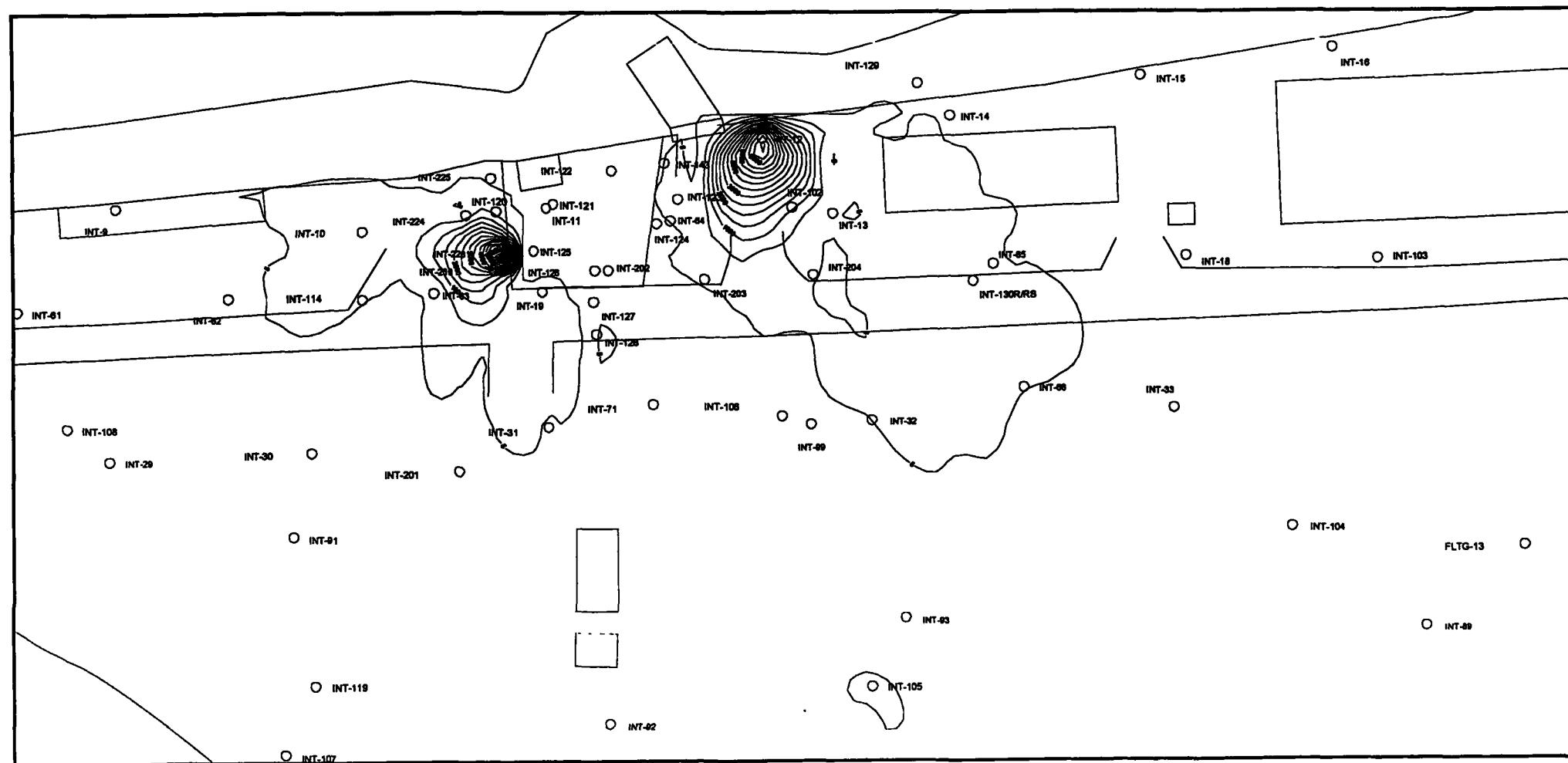
INT CENTRAL 2005: DO+ (ppm)



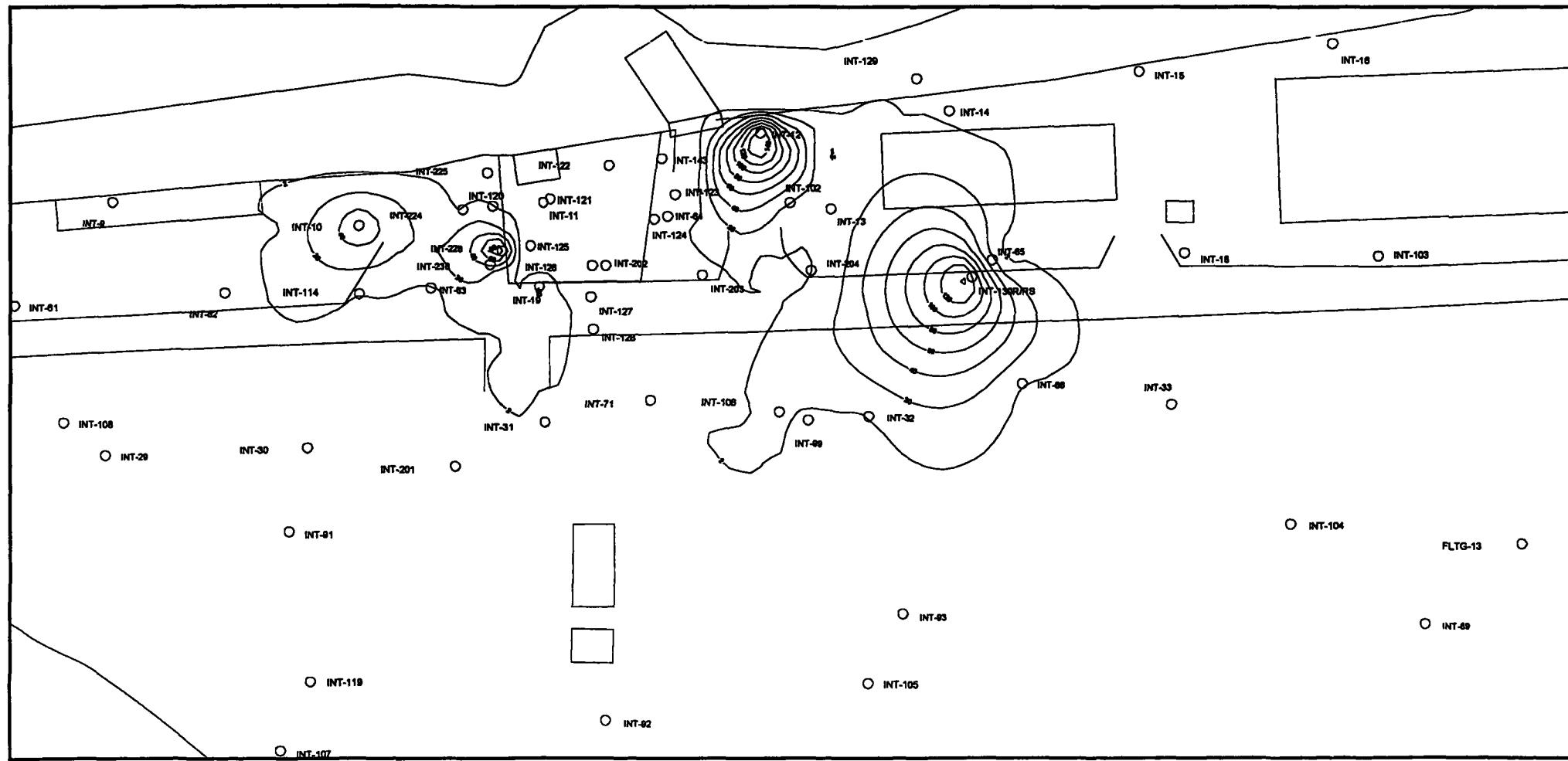
INT EAST 1997: BENZENE (ppb)



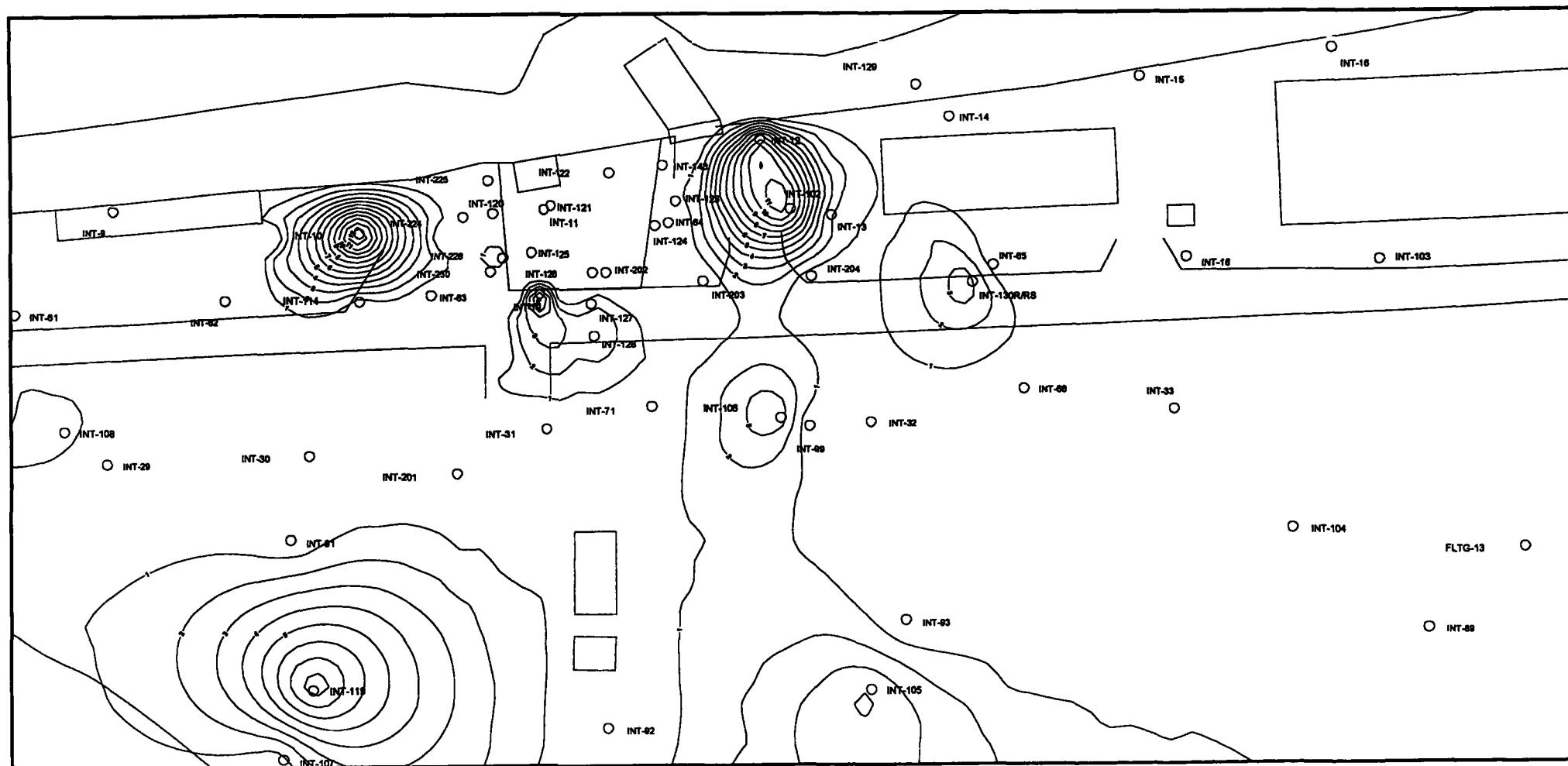
INT EAST 1997: 1,2 DCA (ppb)



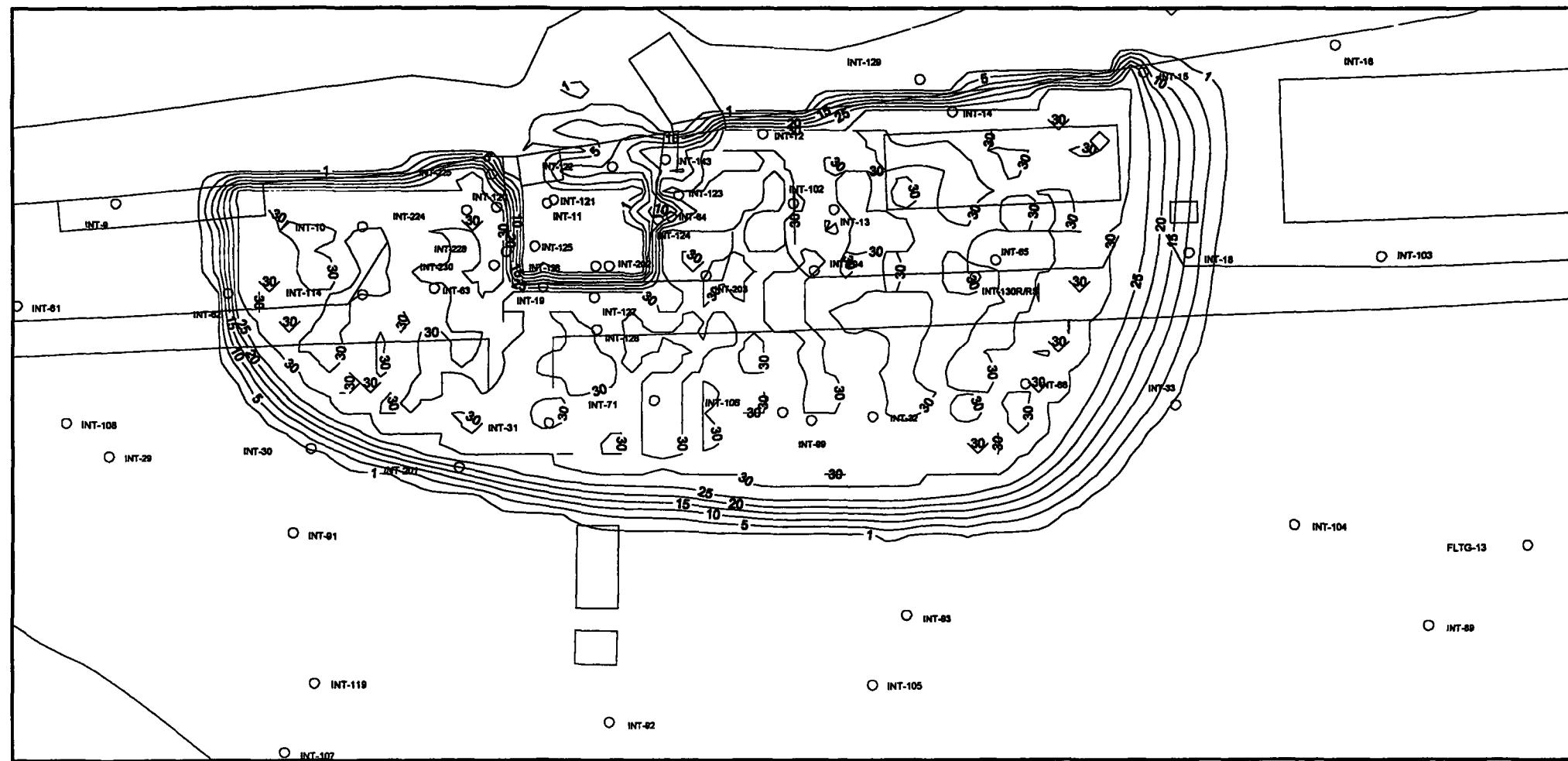
INT EAST 1997: VINYL CHLORIDE (ppb)



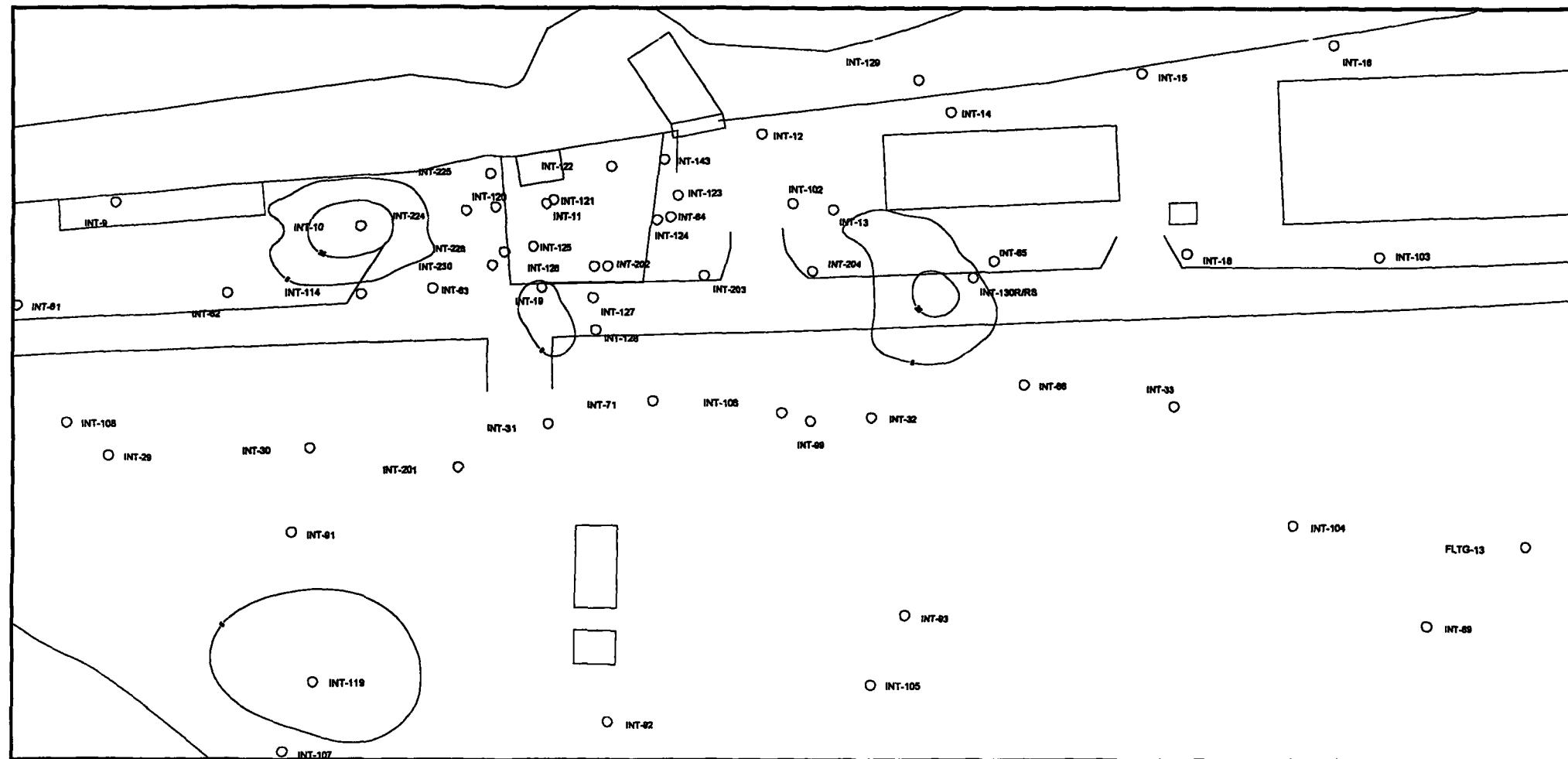
INT EAST 1997: TOC (ppm)



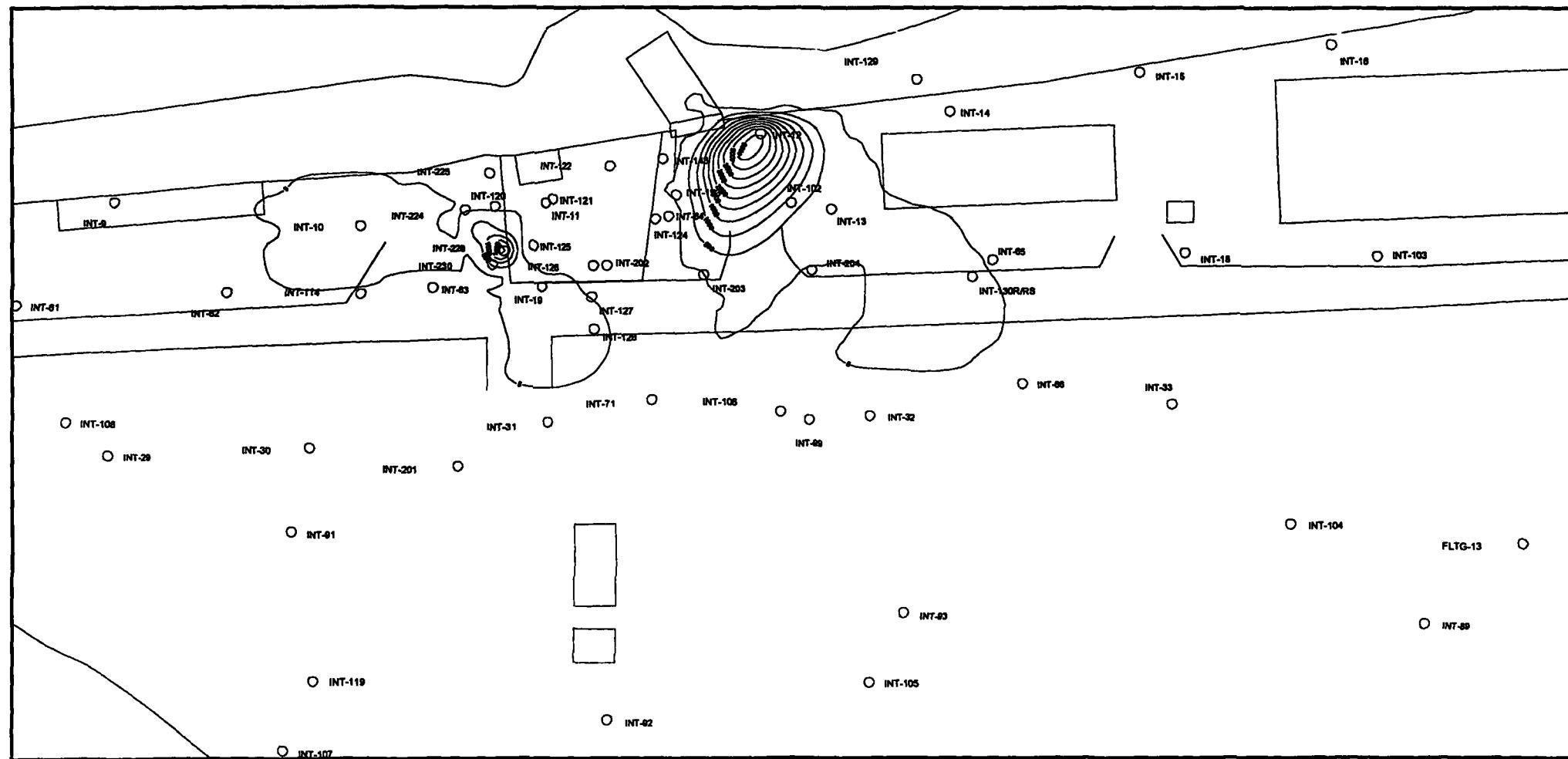
INT EAST 1997: DO+ (ppm)



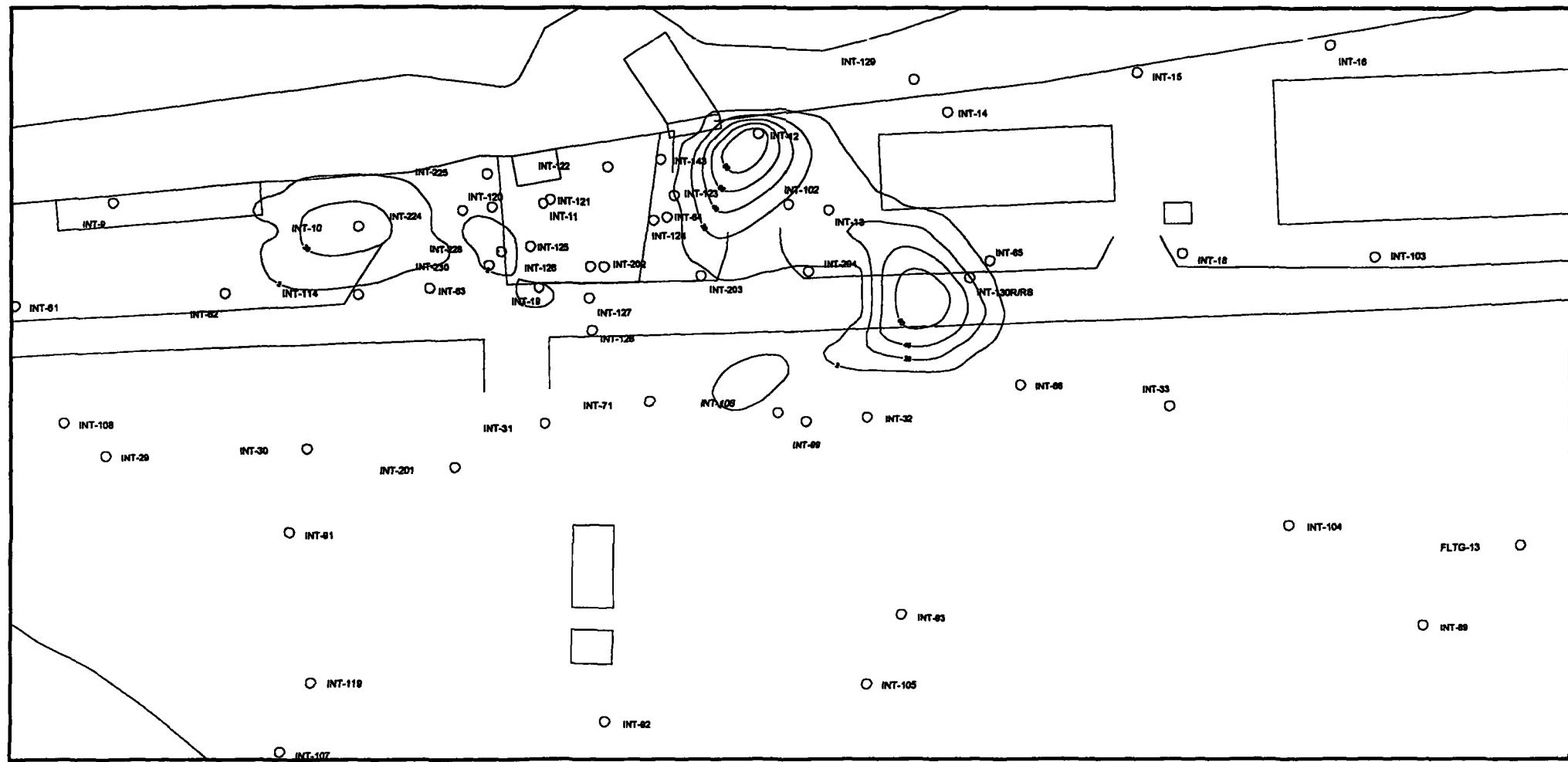
INT EAST 2005: BENZENE (ppb)



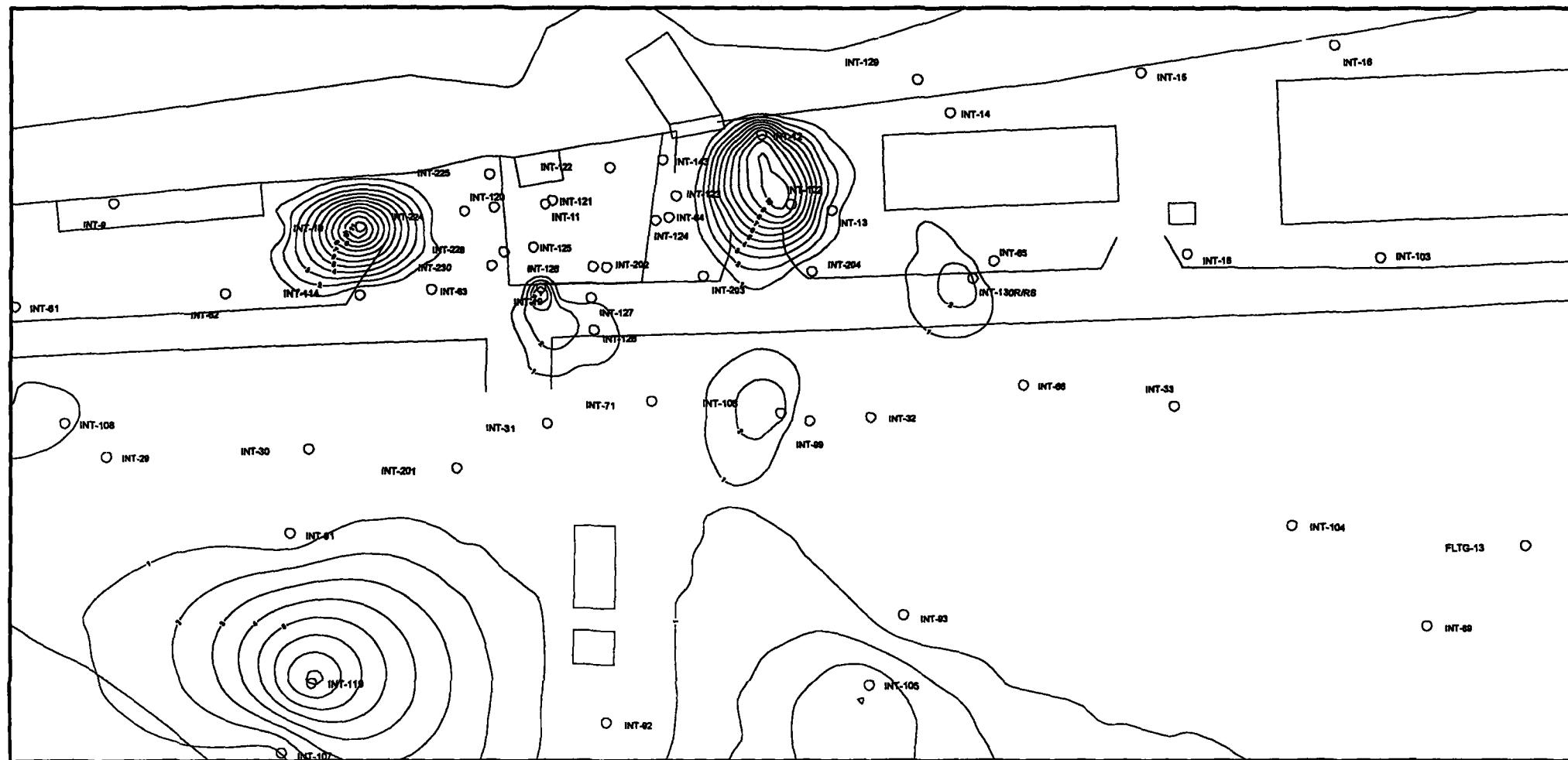
INT EAST 2005: 1,2 DCA (ppb)



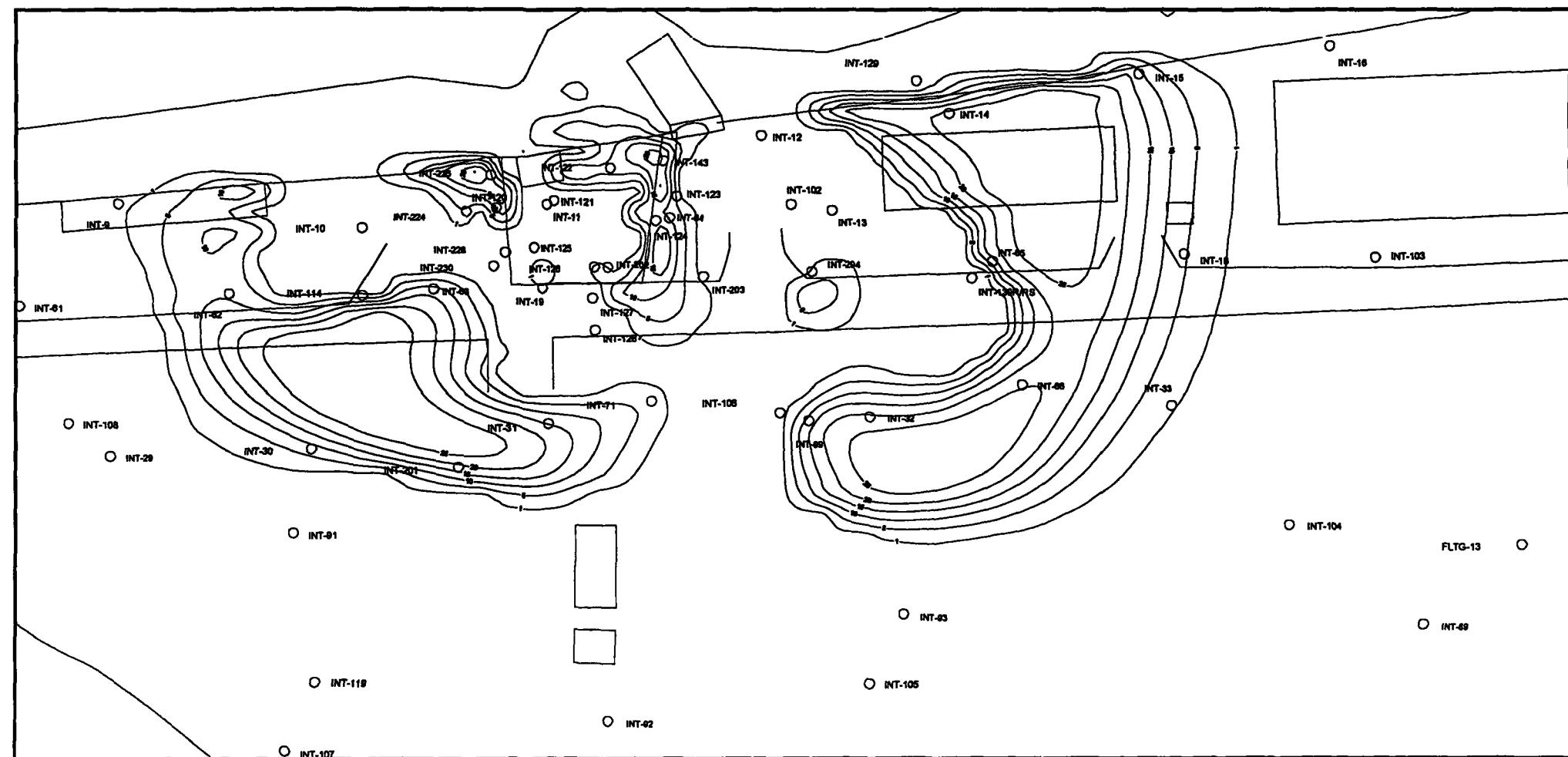
INT EAST 2005: VINYL CHLORIDE (ppb)



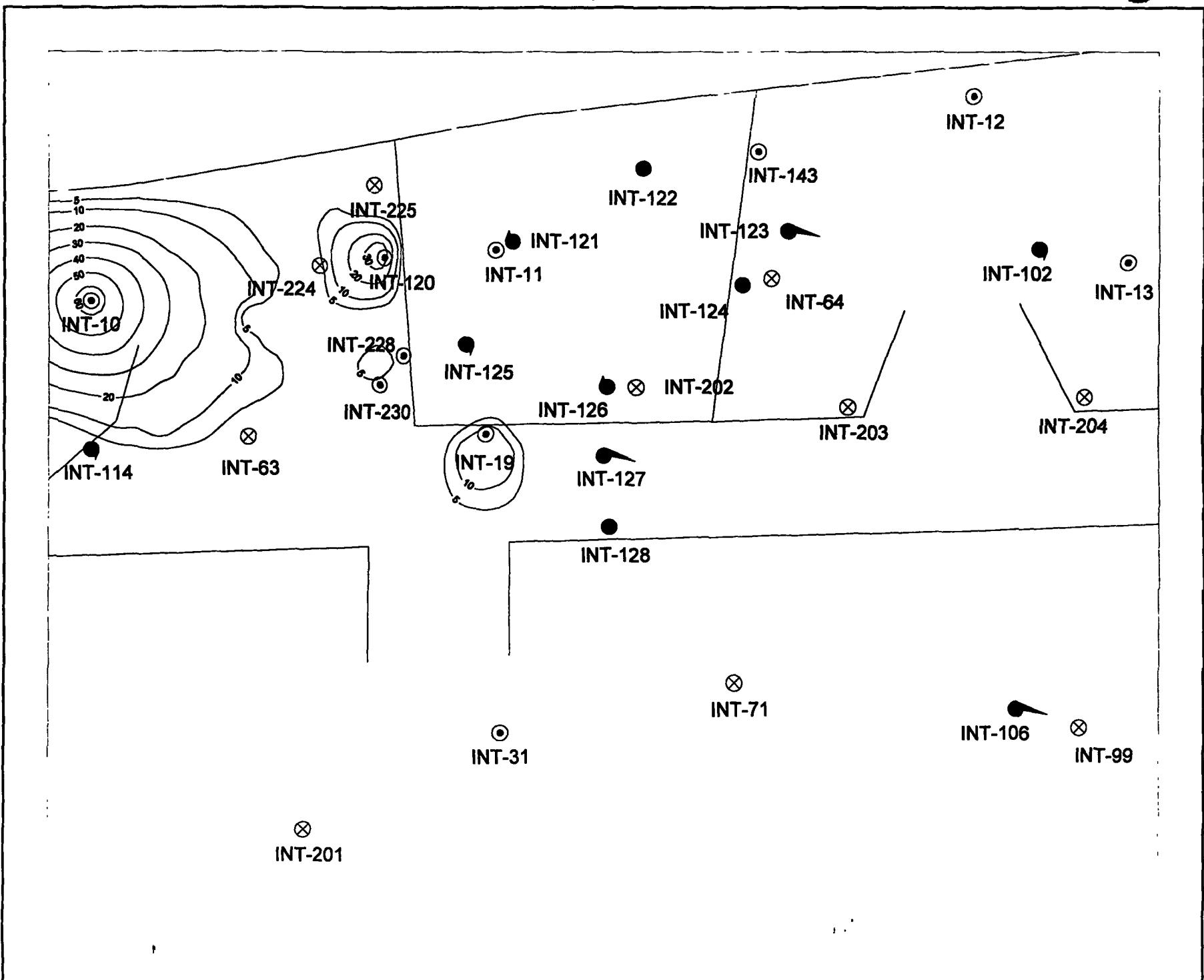
INT EAST 2005: TOC (ppm)



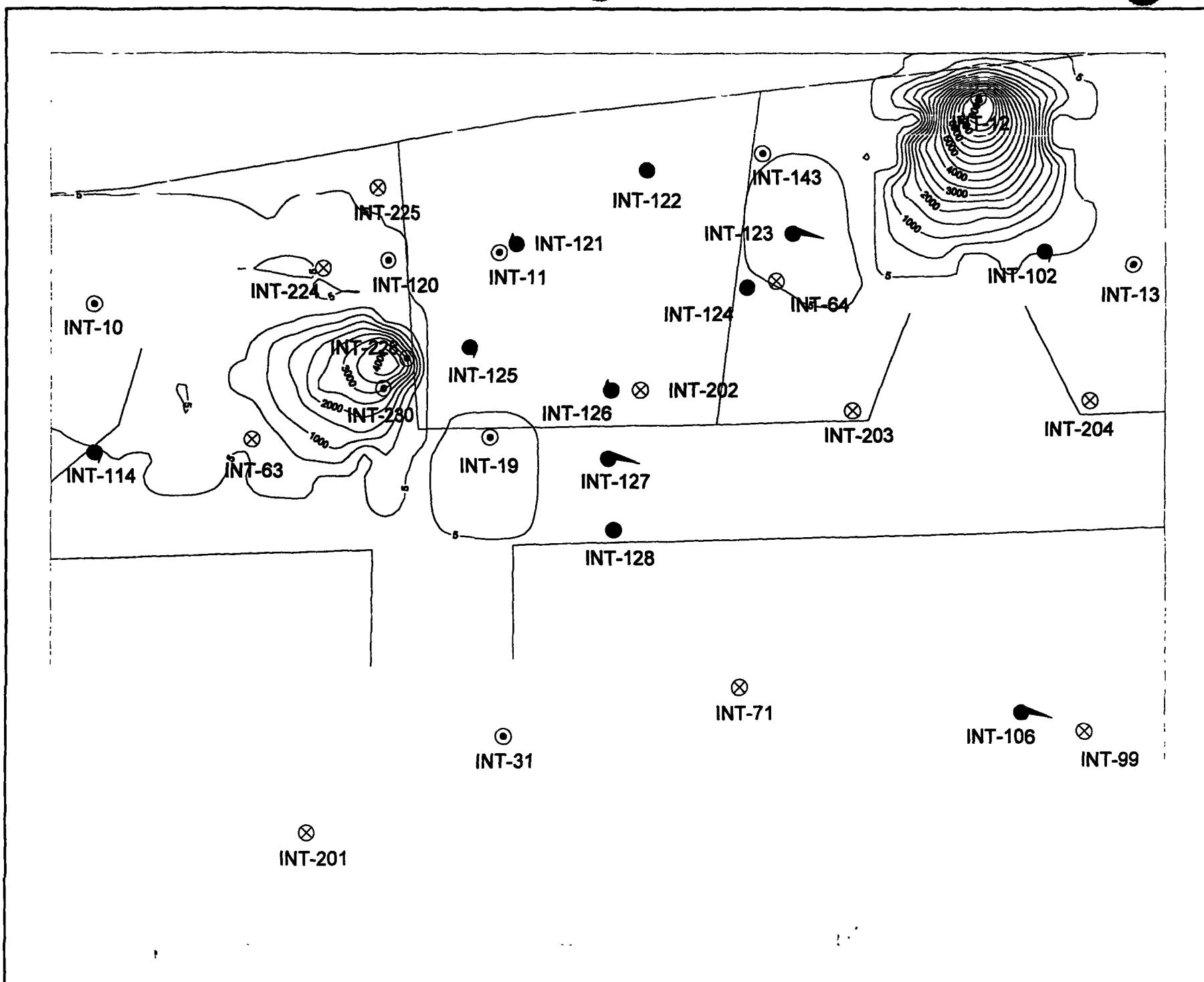
INT EAST 2005: DO+ (ppm)



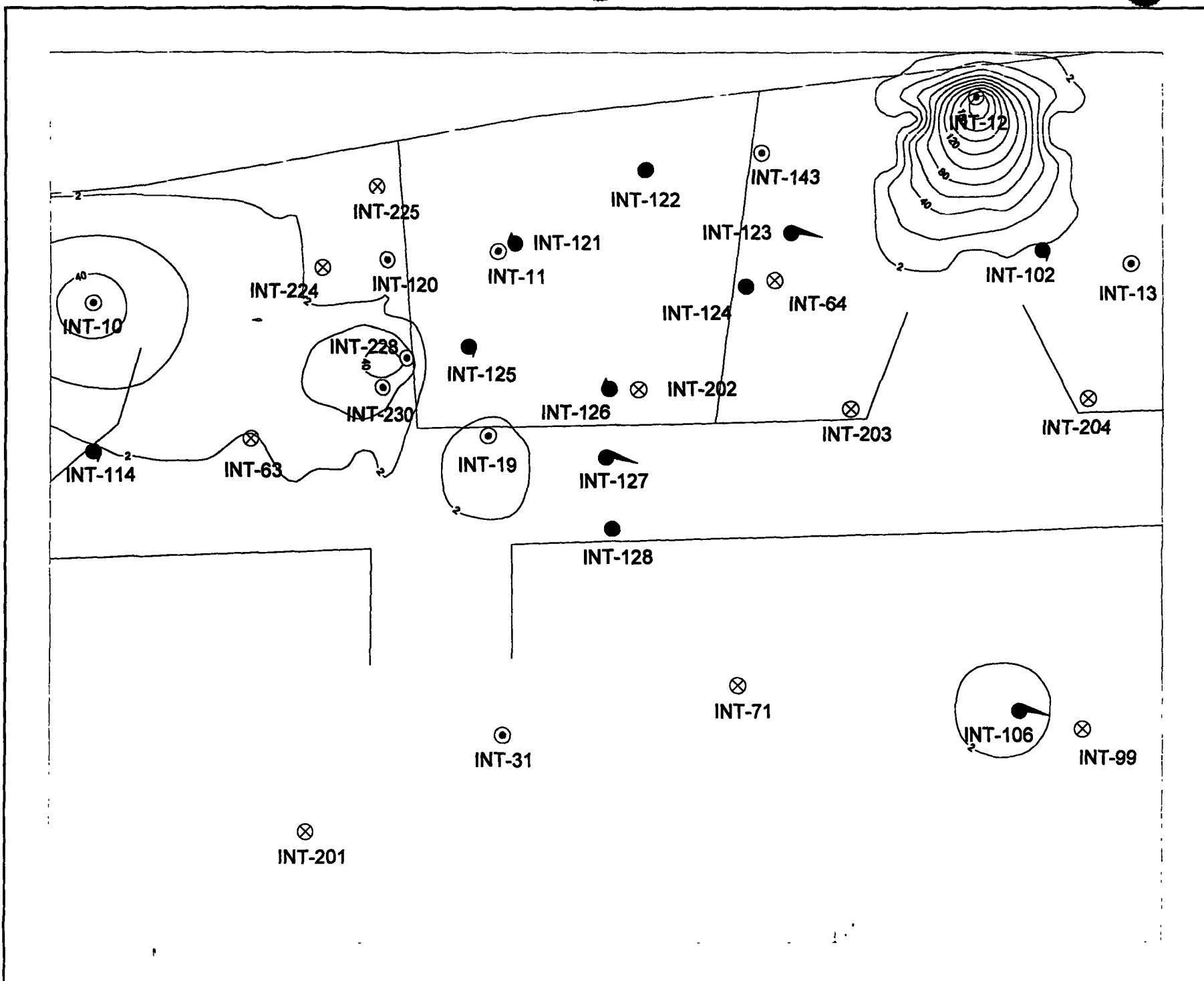
INT WALL 199 BENZENE (ppb)



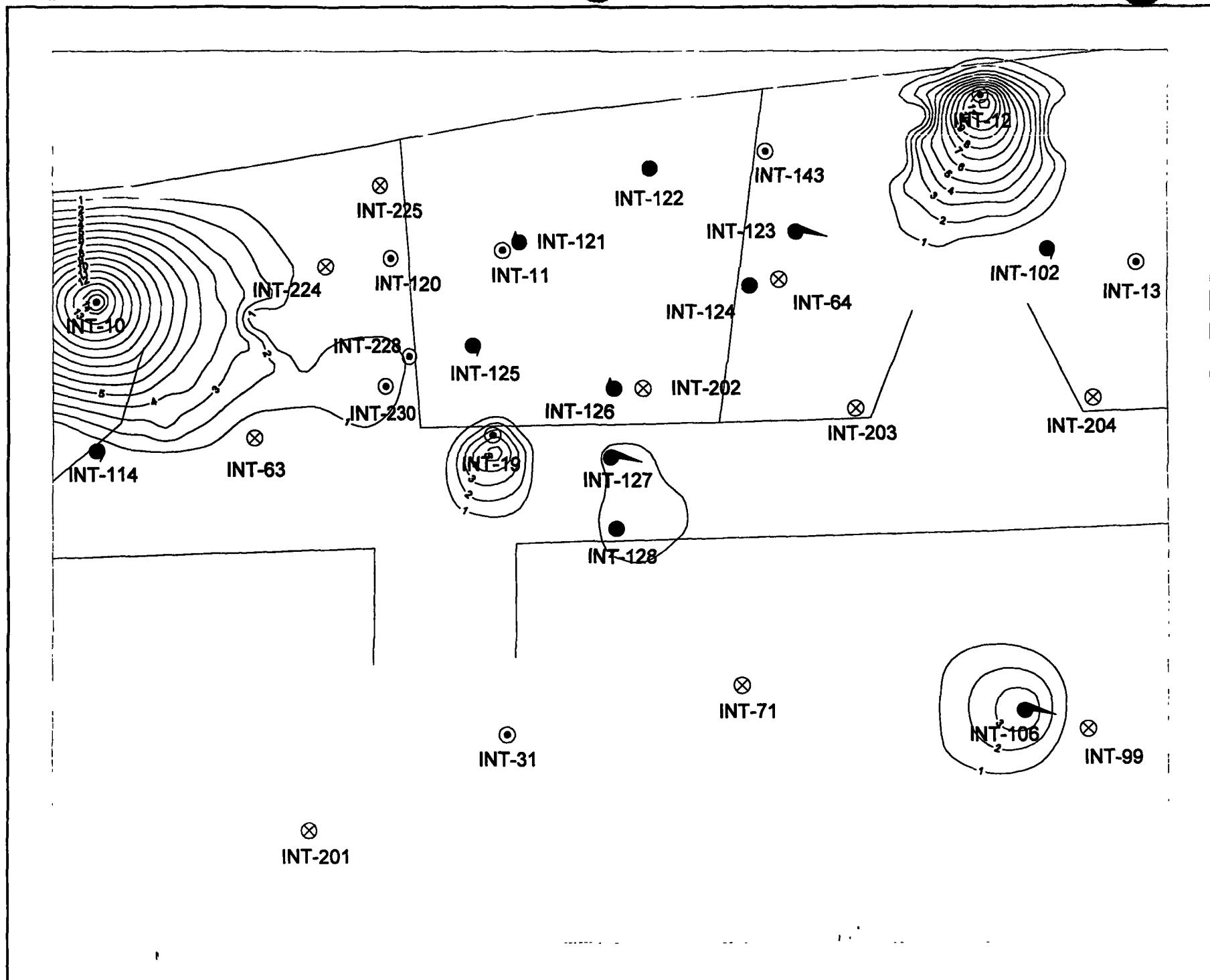
INT WALL 199 1,2 DCA (ppb)



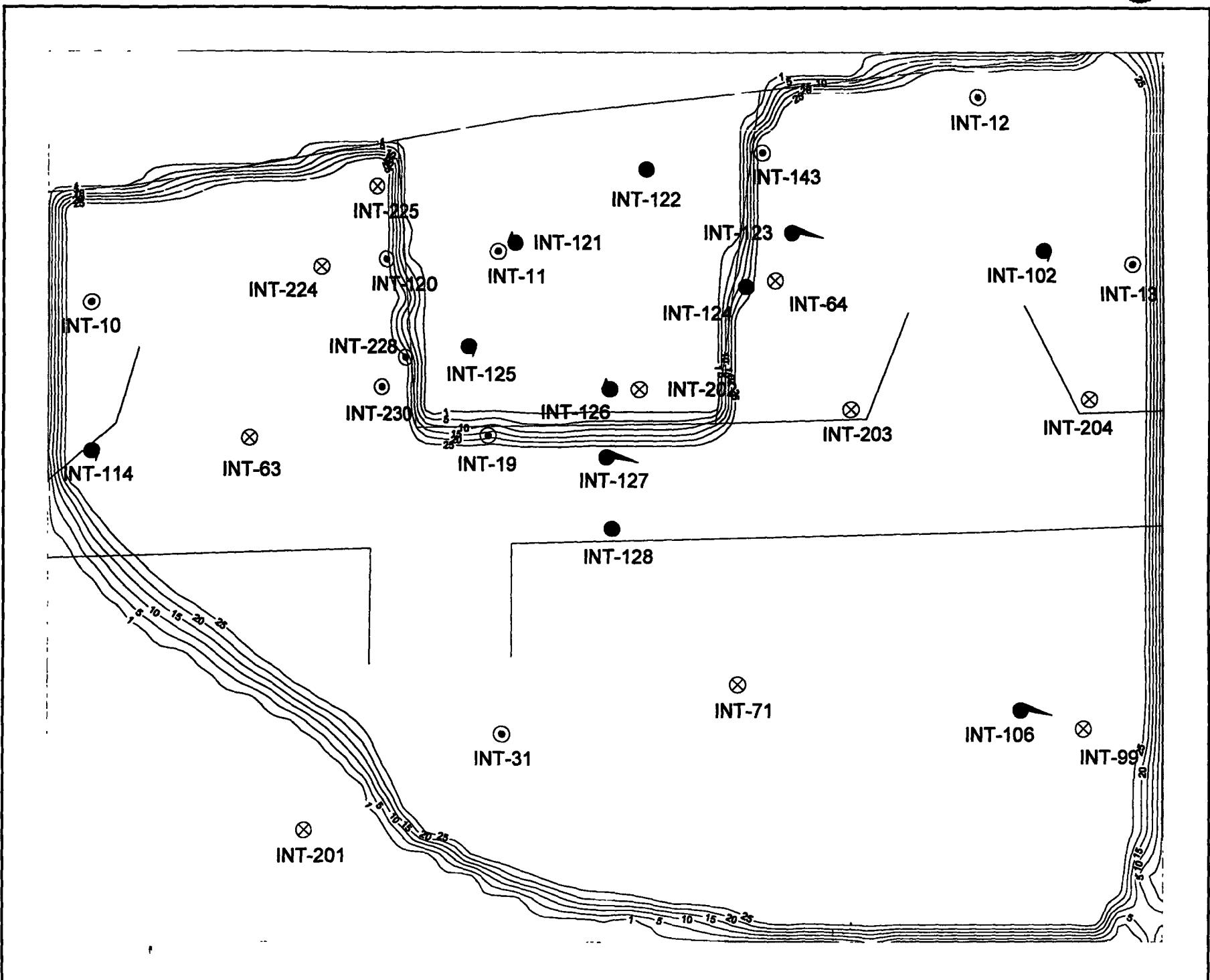
INT WALL 1997: VINYL CHLORIDE (ppb)



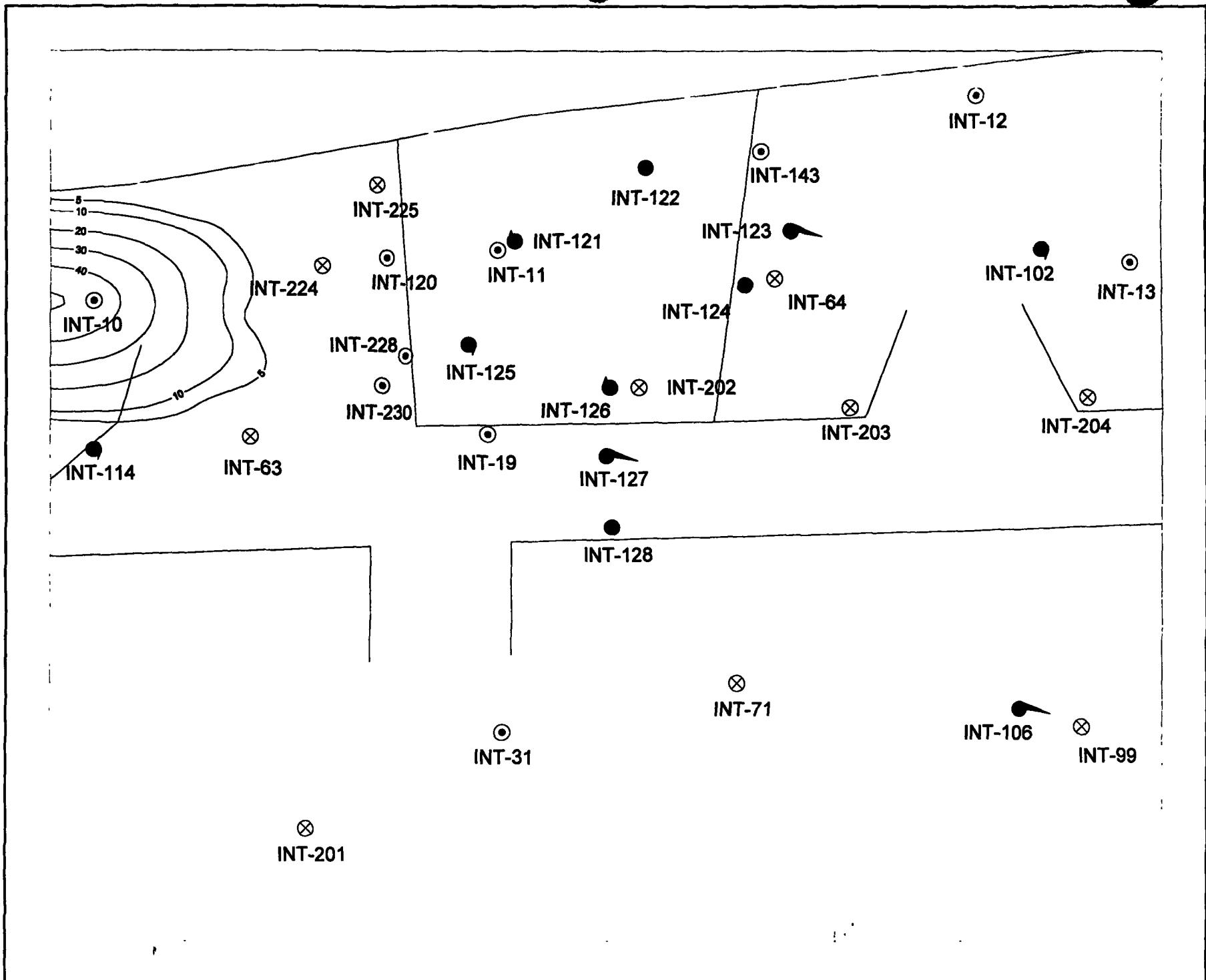
INT WALL 1-7: TOC (ppm)



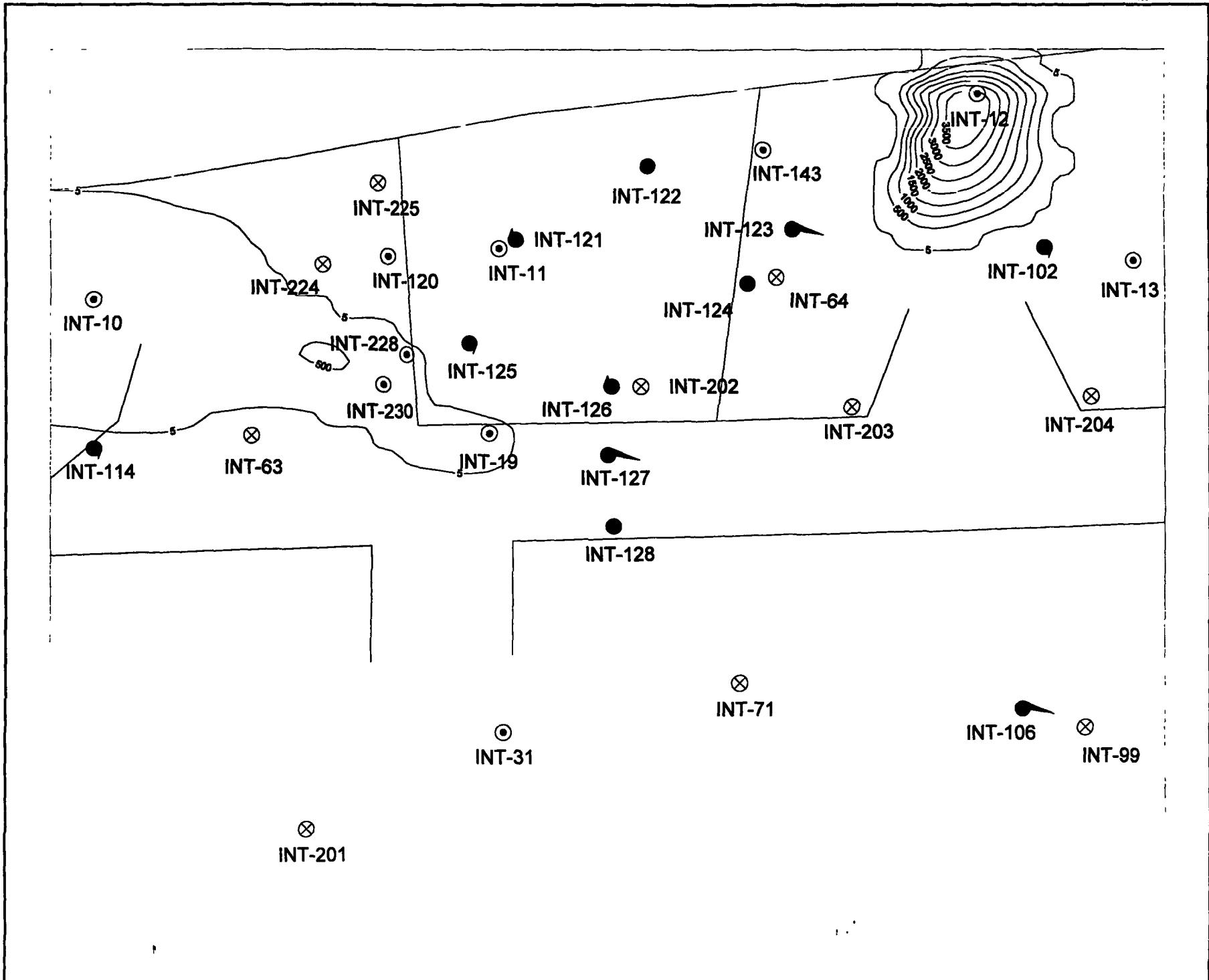
INT WALL 1 7: DO+ (ppm)



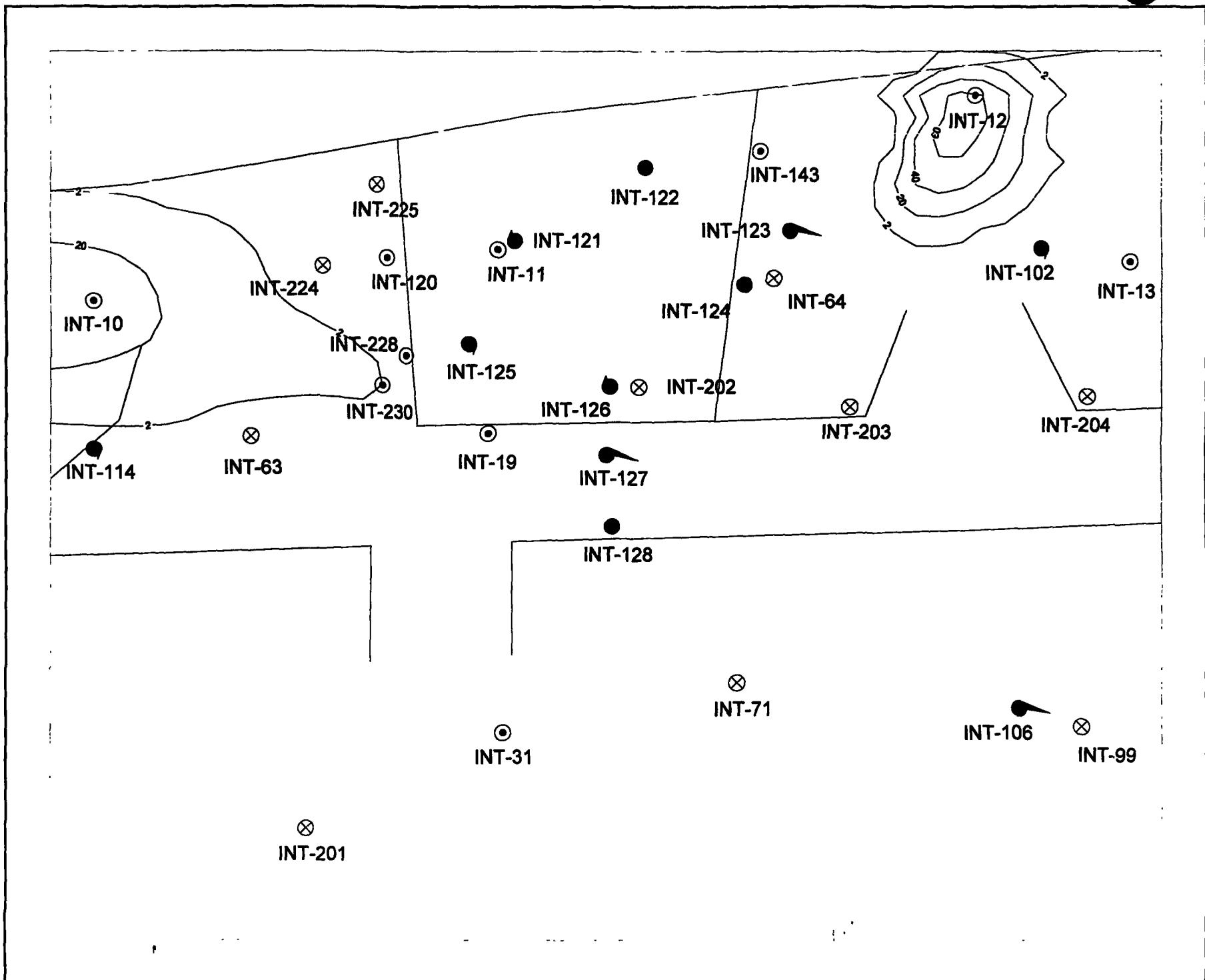
INT WALL 200 BENZENE (ppb)



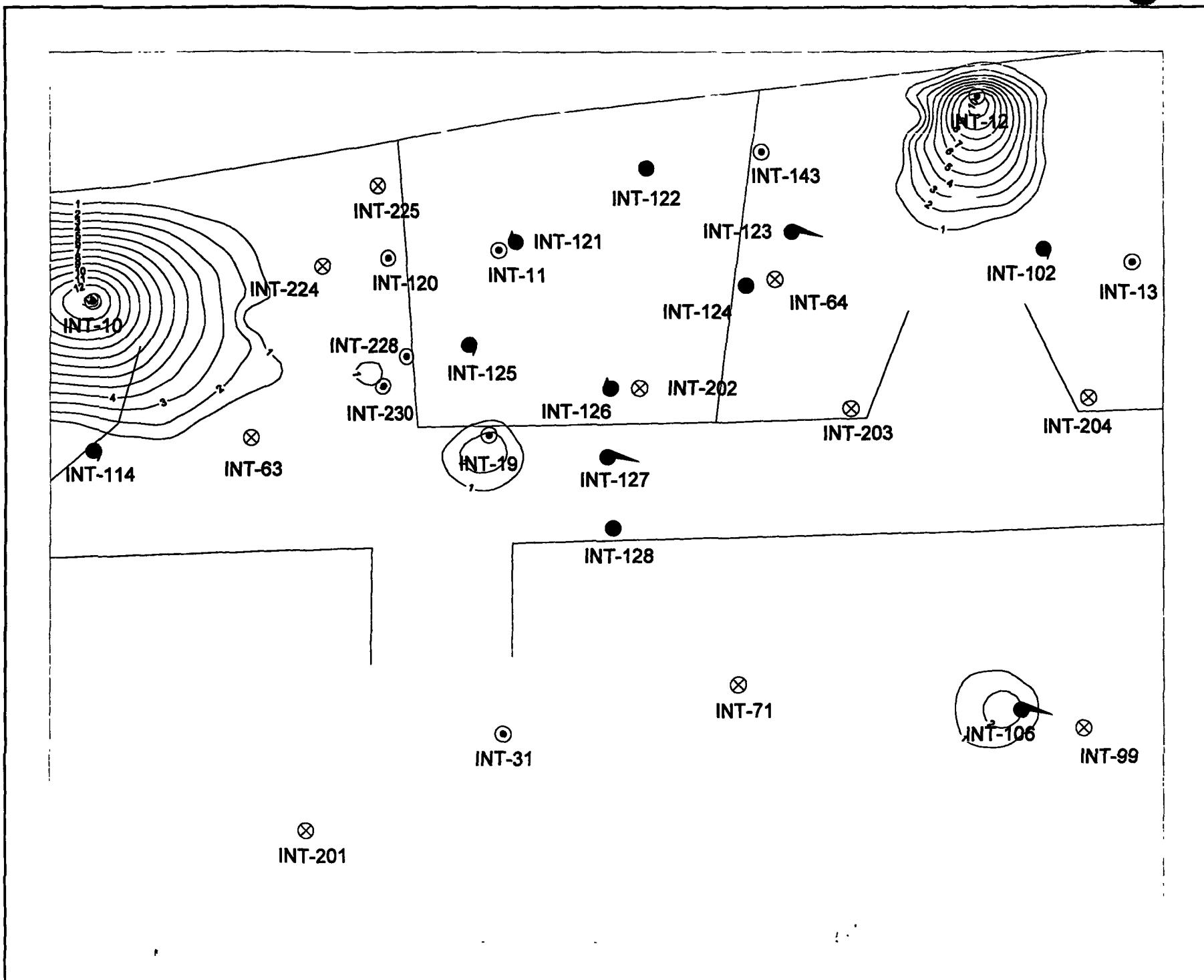
INT WALL 2000 1,2 DCA (ppb)



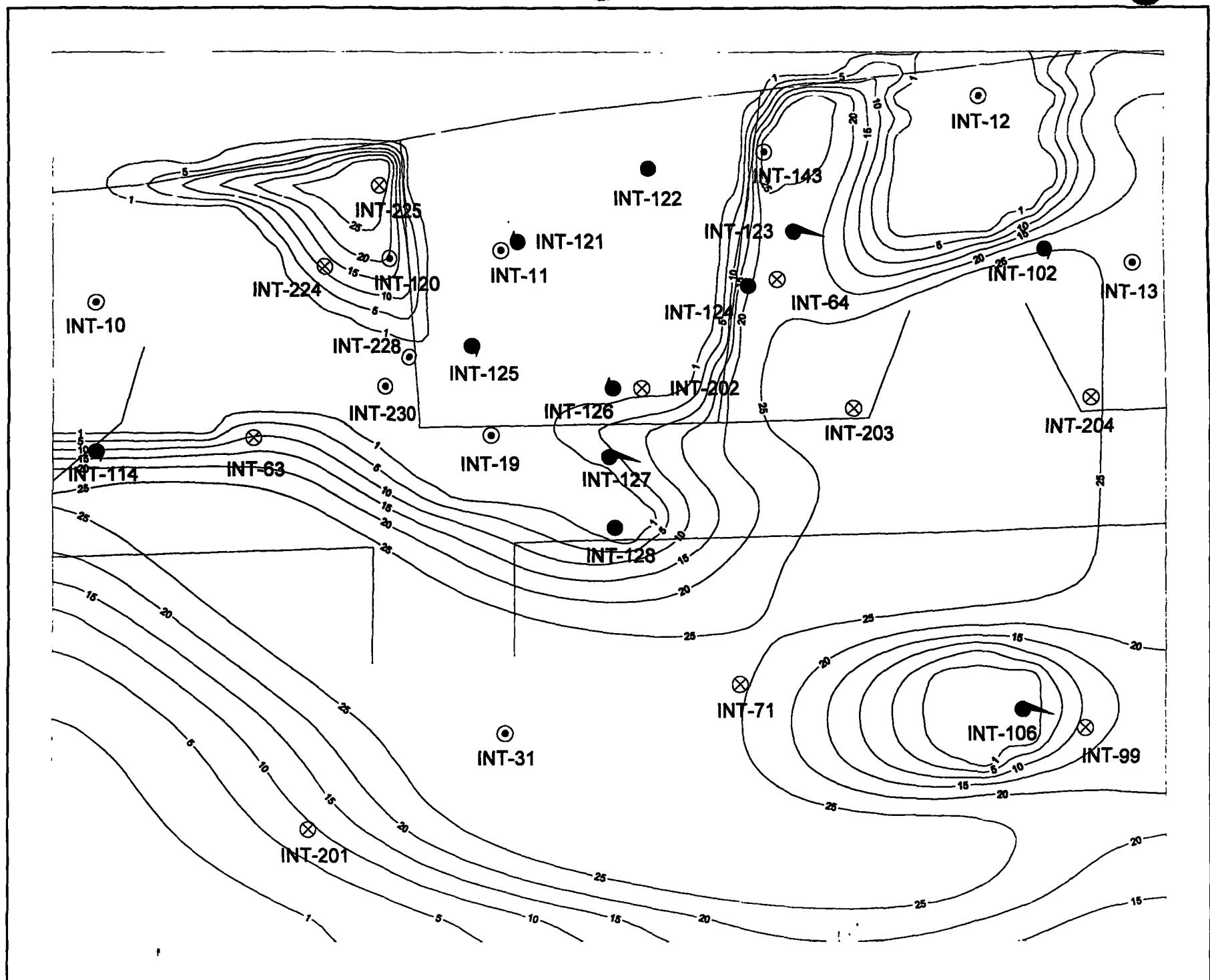
INT WALL 2005: VINYL CHLORIDE (ppb)



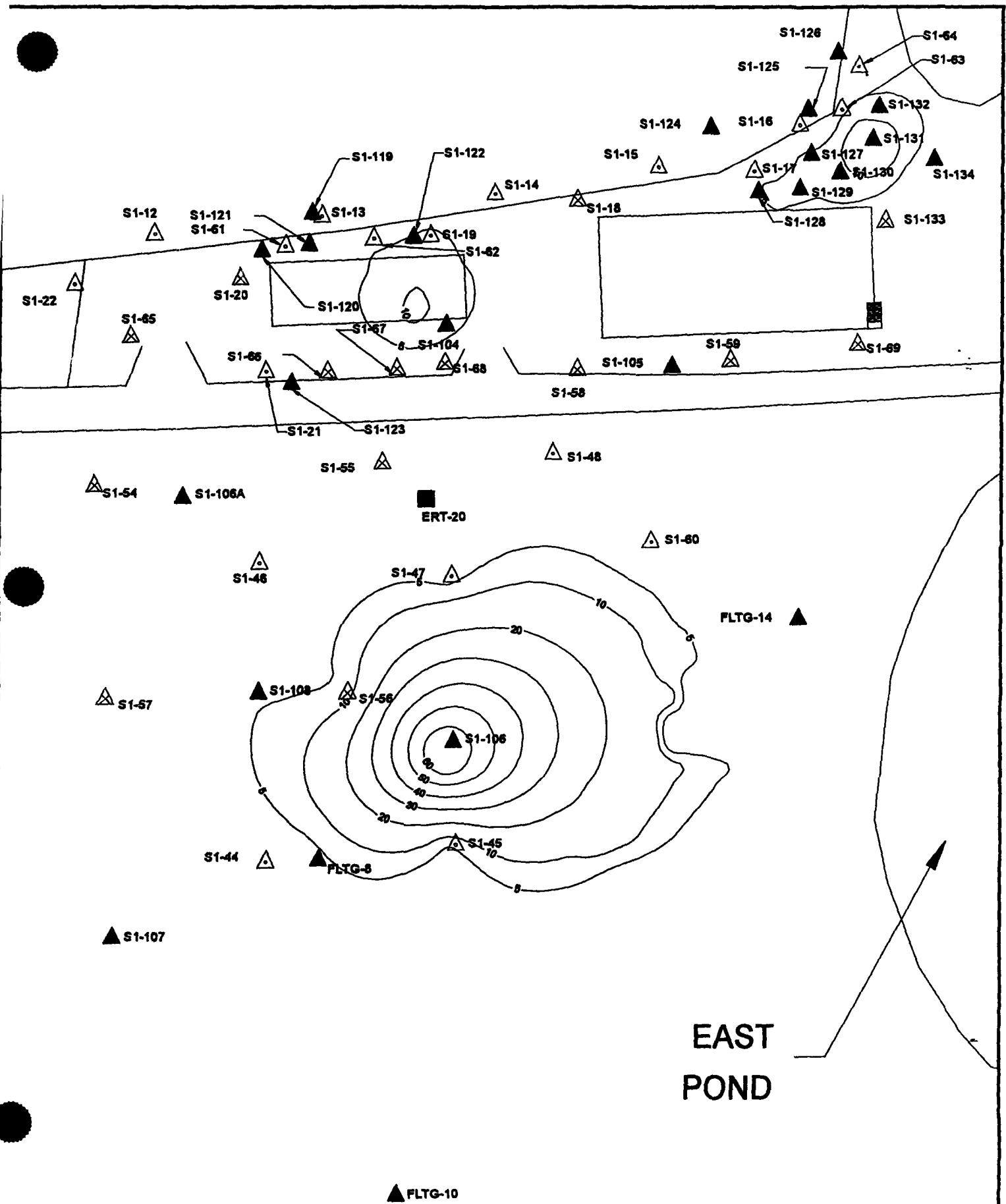
INT WALL 2015: TOC (ppm)



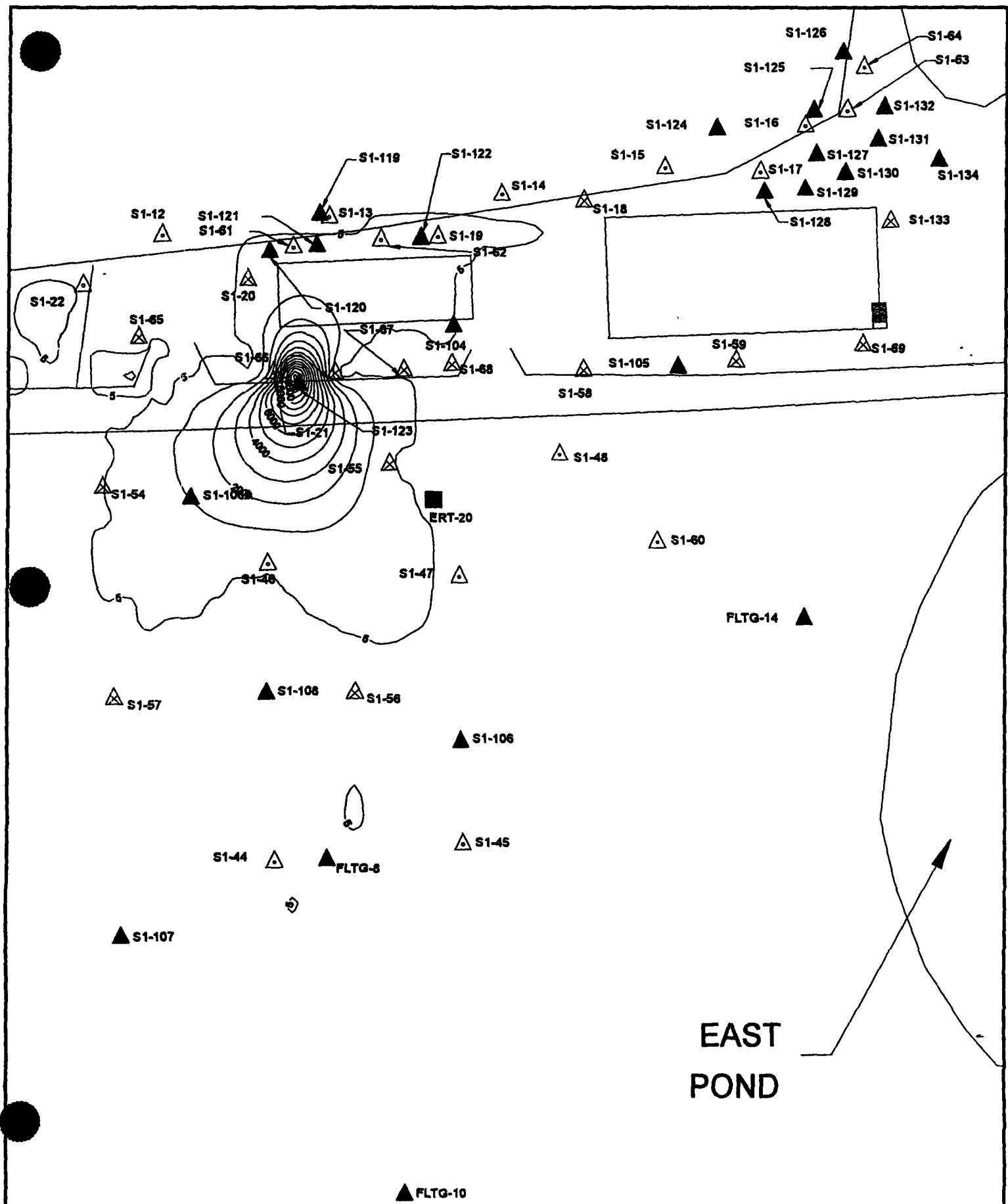
INT WALL 2005: DO+ (ppm)



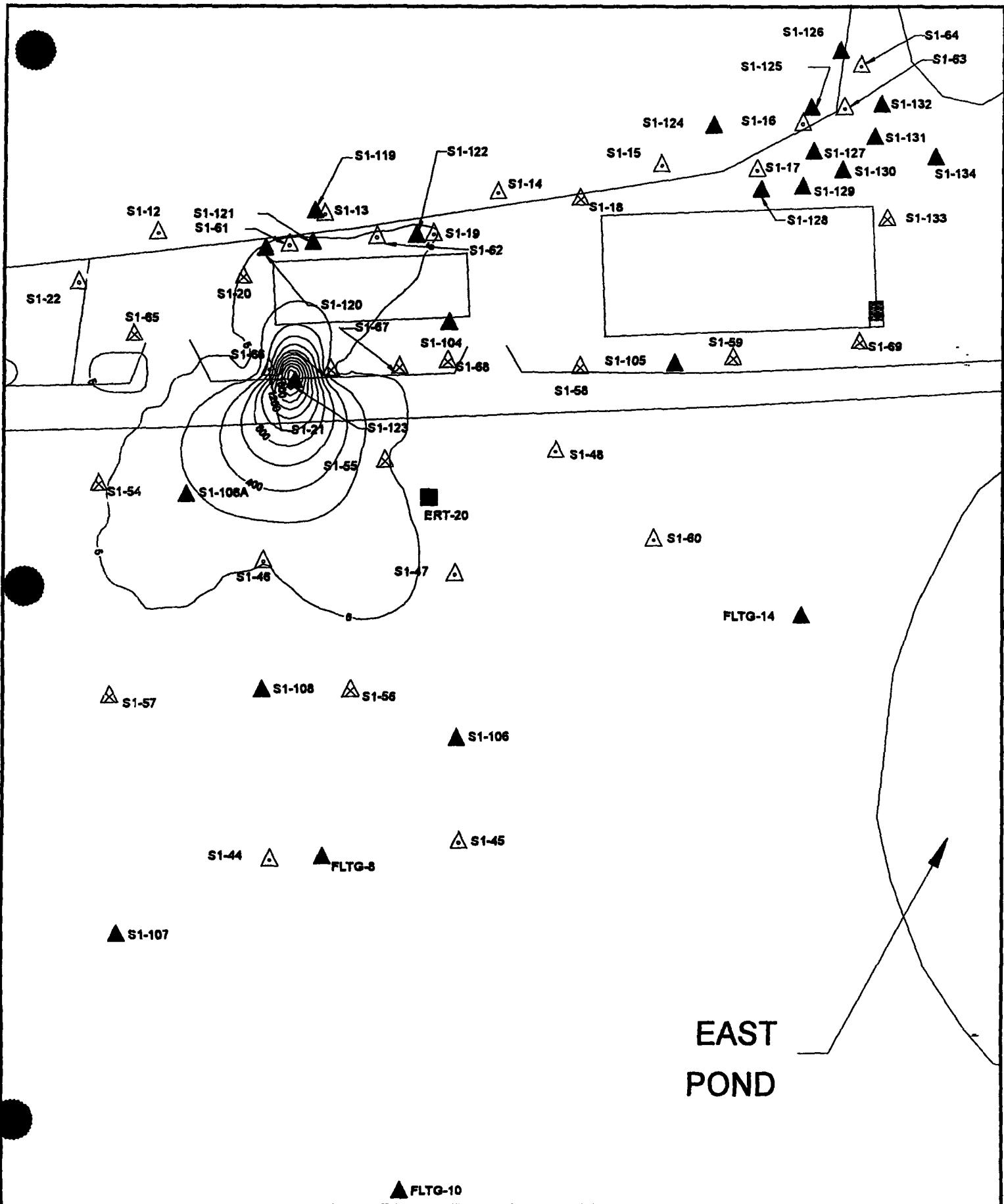
S1 EAST 1997: BENZENE (ppb)



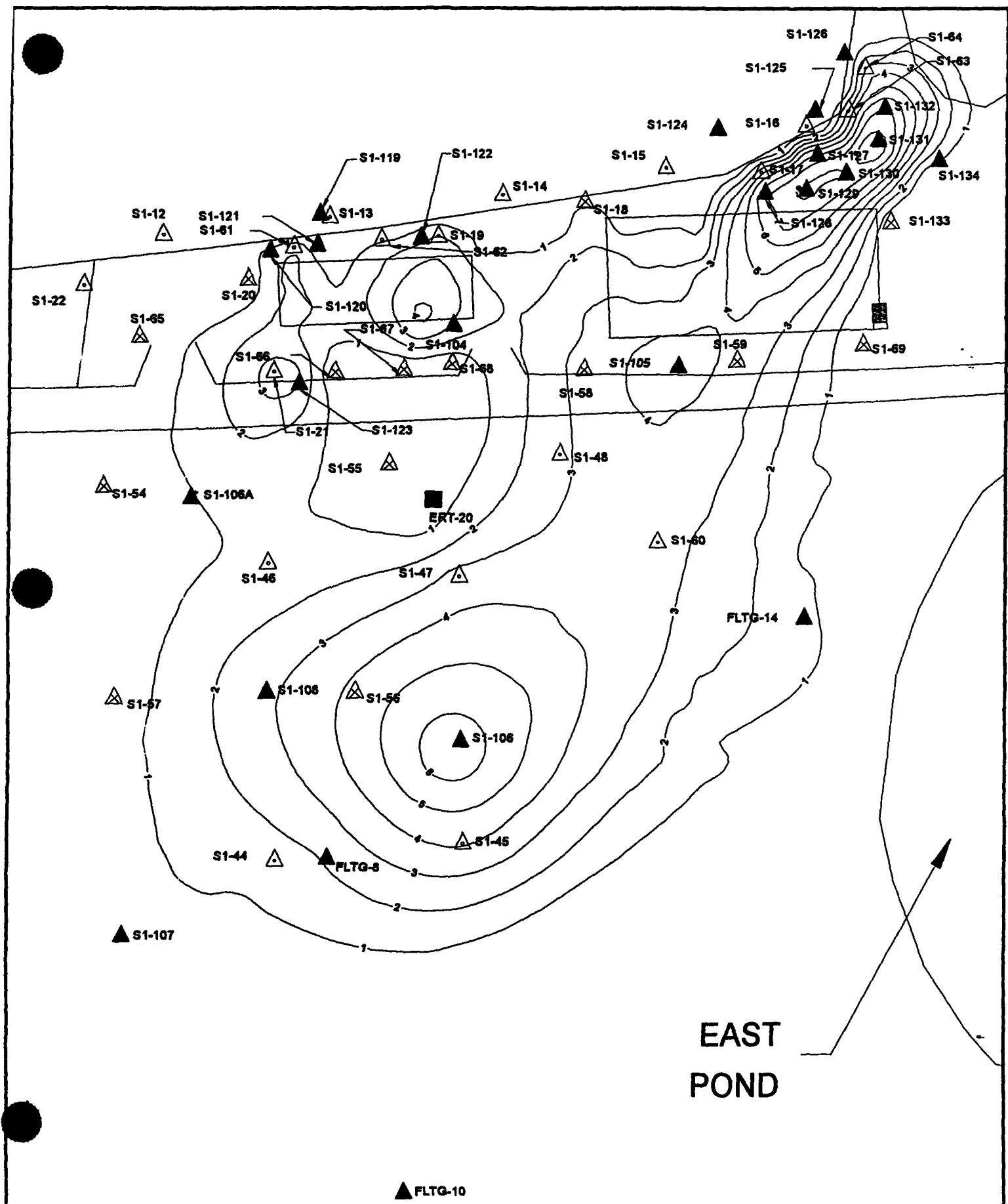
S1 EAST 1997: 1,2 DCA (ppb)



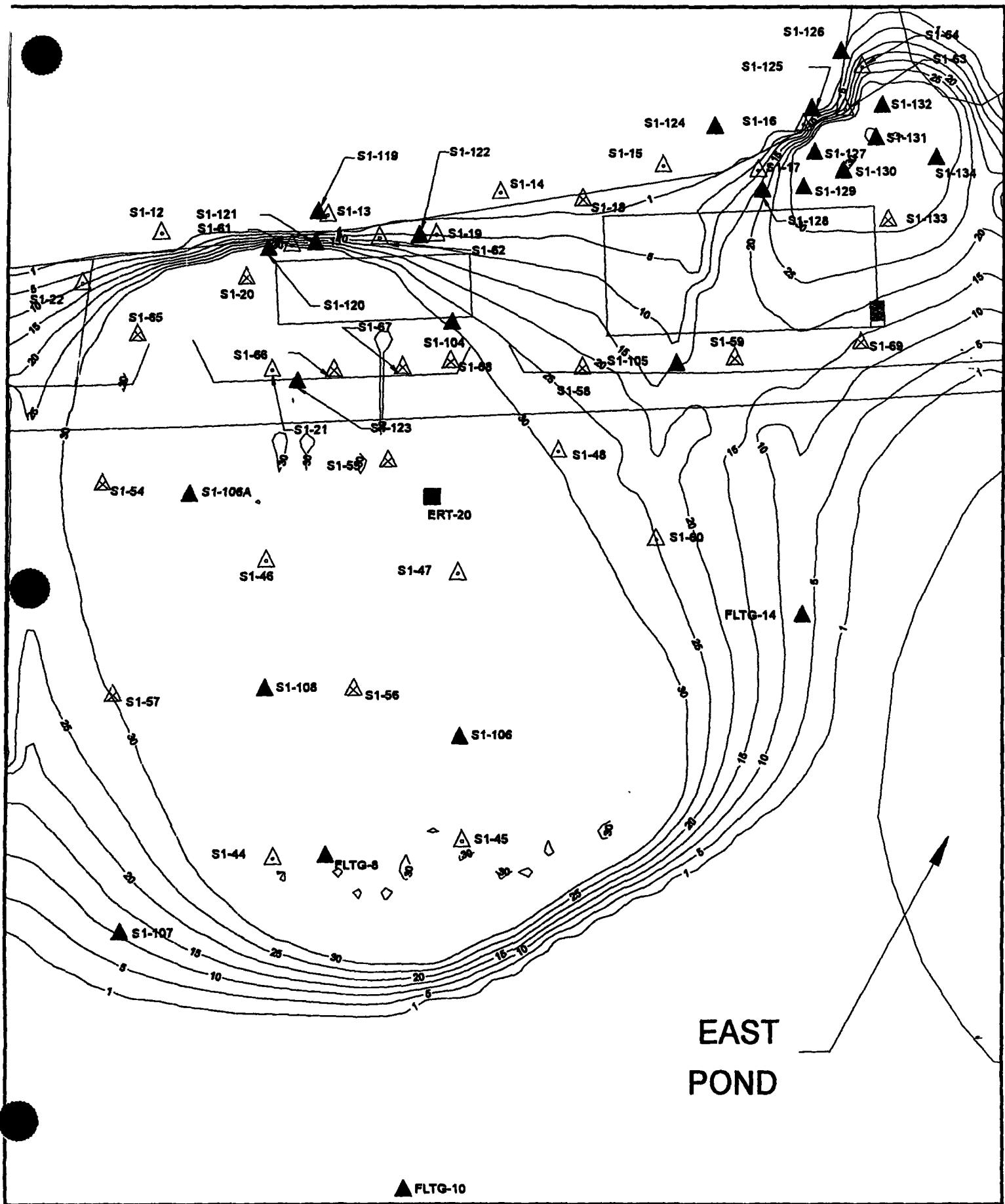
S1 EAST 1997: VINYL CHLORIDE (ppb)



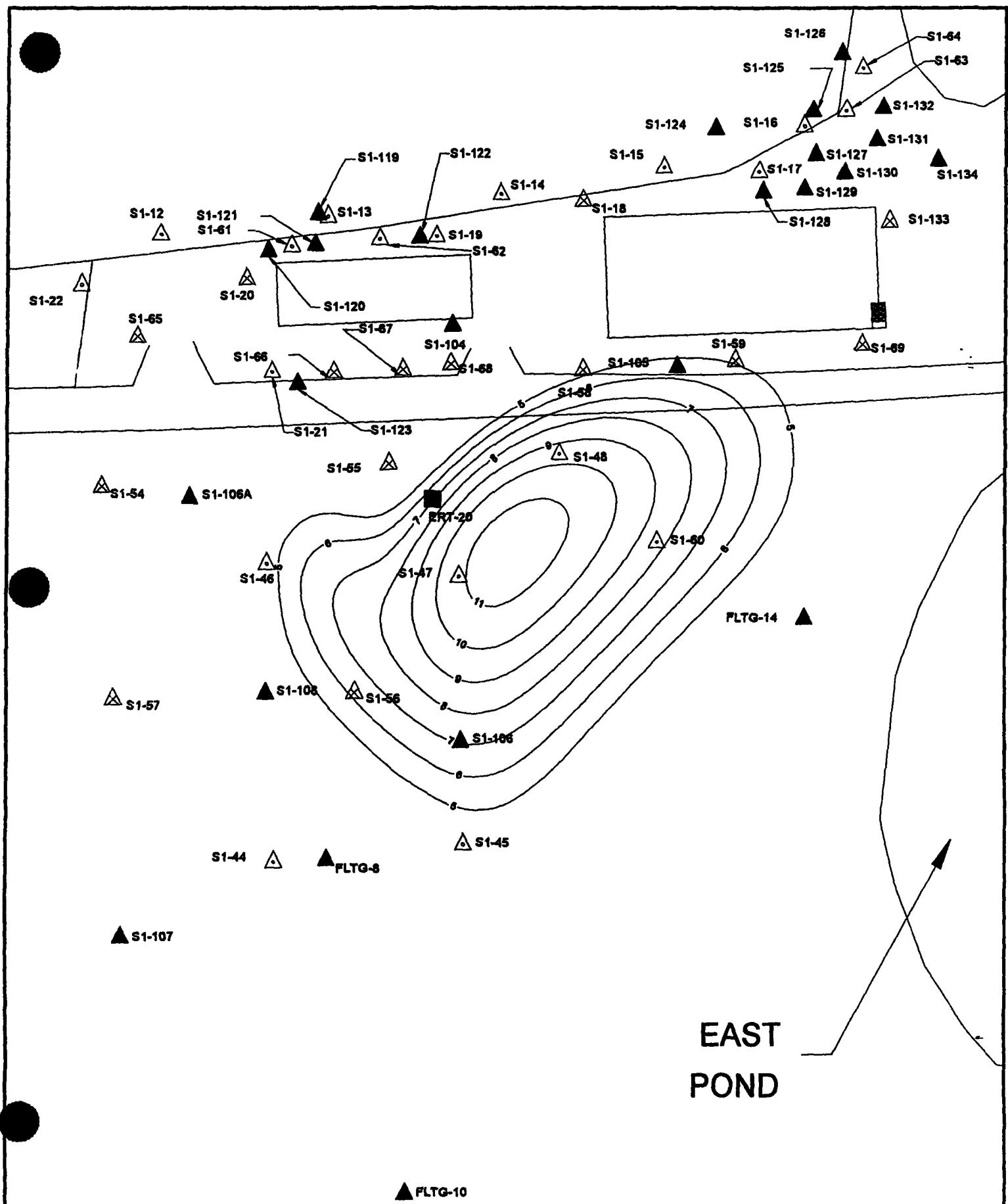
S1 EAST 1997: TOC (ppm)



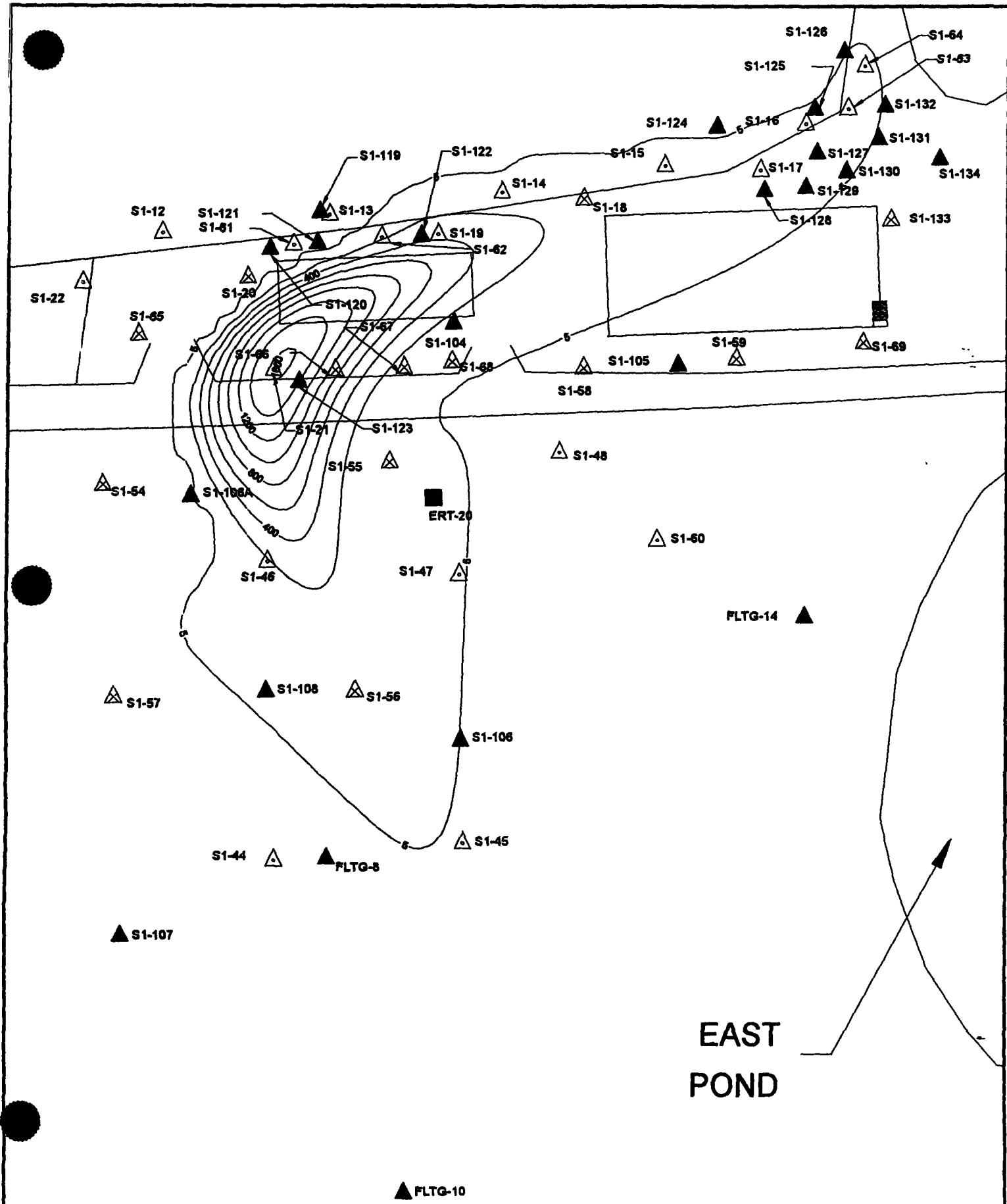
S1 EAST 1997: DO+ (ppm)



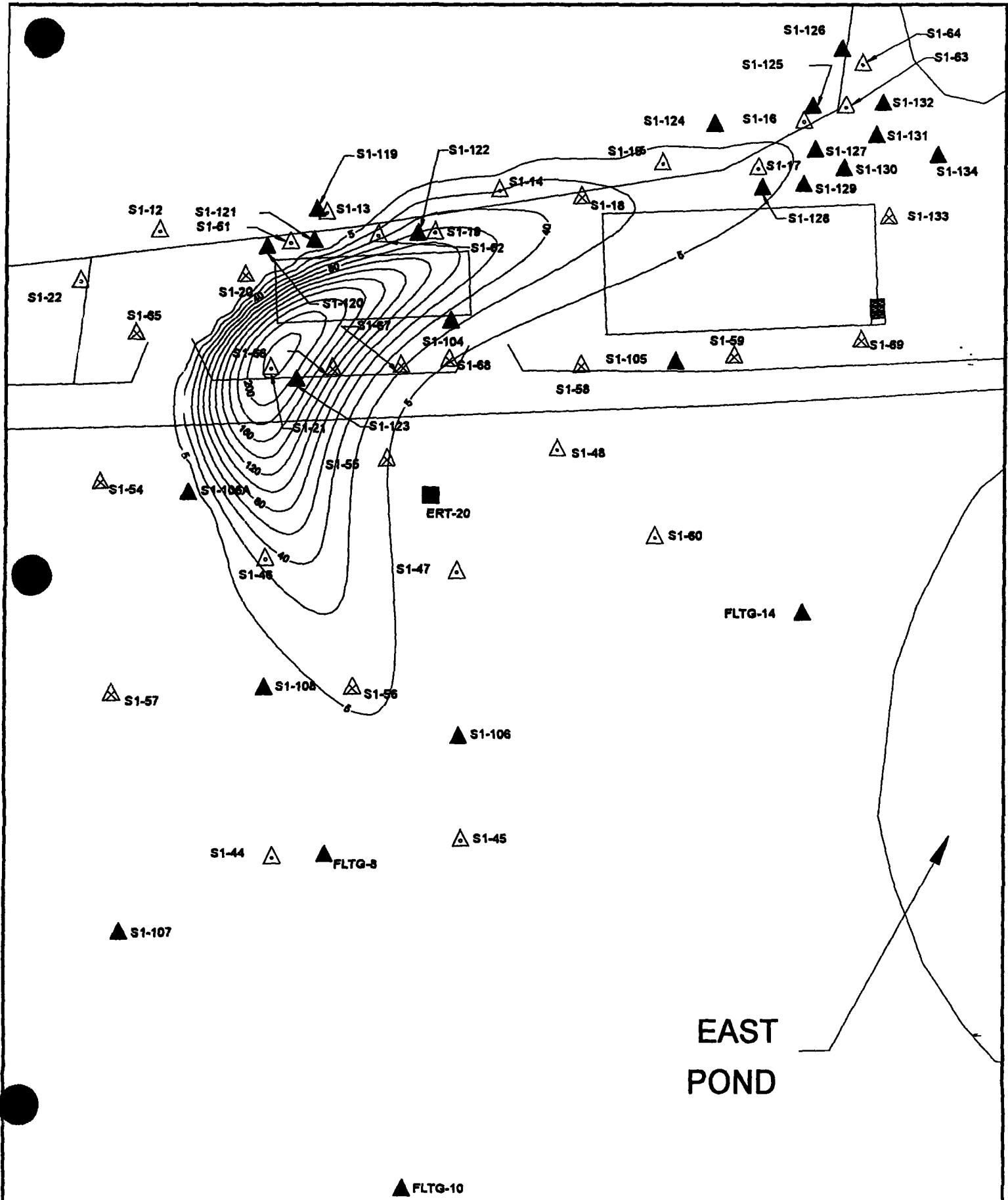
S1 EAST 2005: BENZENE (ppb)



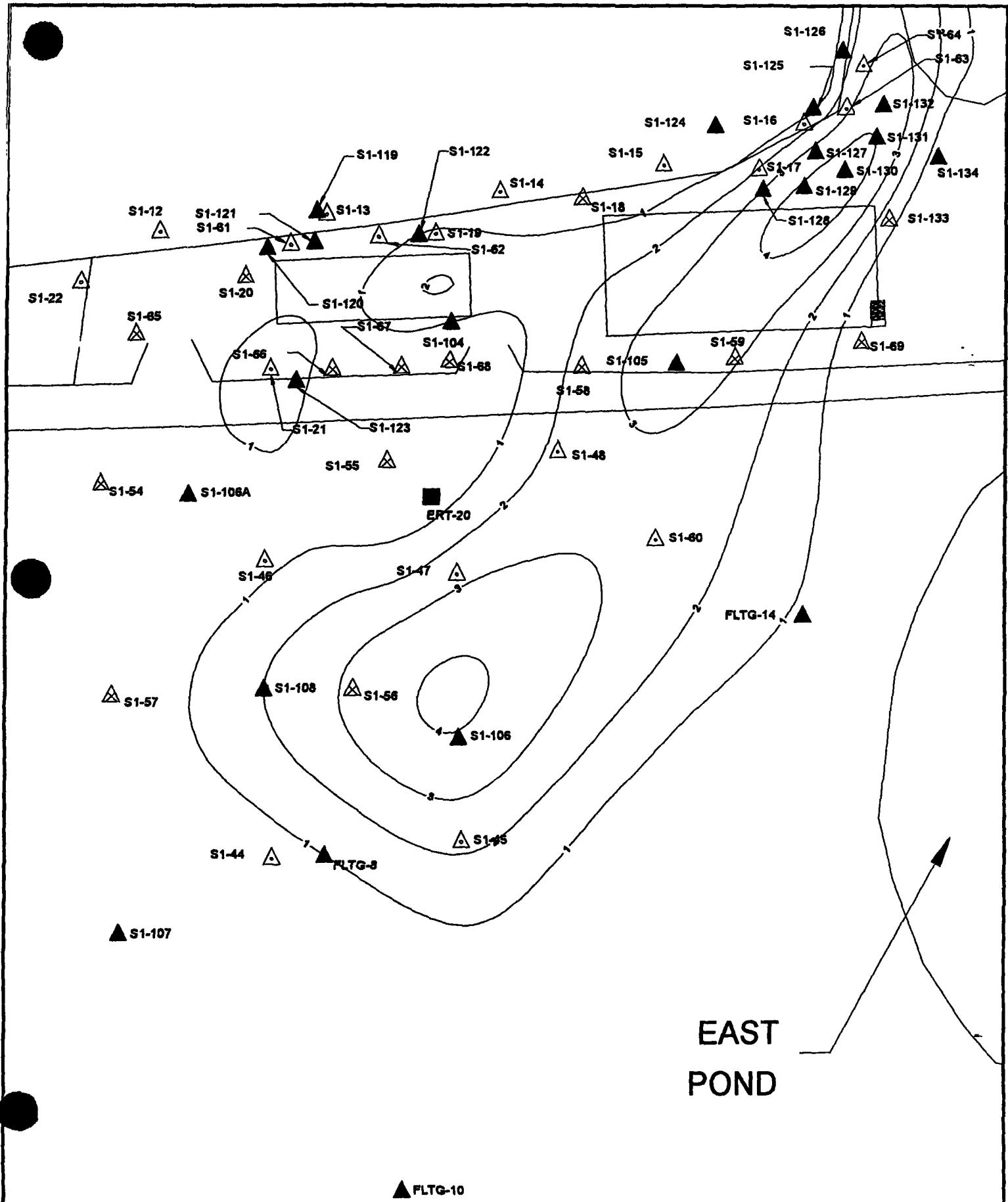
S1 EAST 2005: 1,2 DCA (ppb)



S1 EAST 2005: VINYL CHLORIDE (ppb)



S1 EAST 2005: TOC (ppm)



S1 EAST 2005: DO+ (ppm)

